

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED LOCAL AGENCY PROJECT

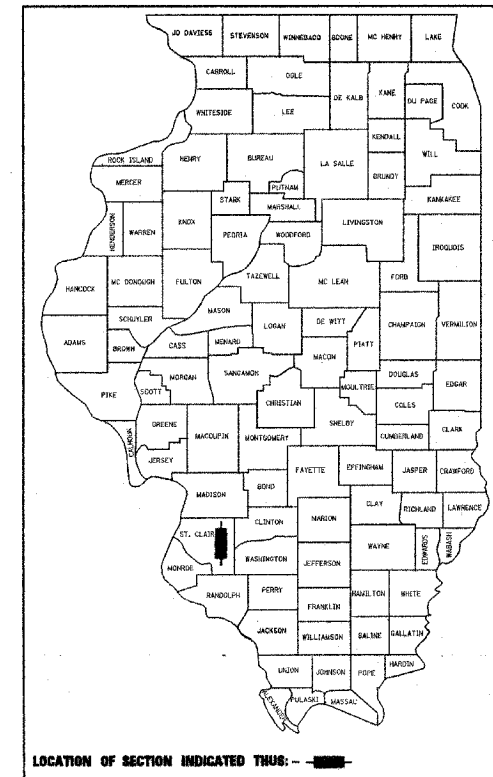
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IDOT HIGHWAY STANDARDS

280001-04	602701-01	701501-04
420001-07	604006-03	701901
420111-02	604011-03	780001-01
420701-02	604036-01	000001-05
424001-05	606001-03	BLR 10-5
542301-01	701006-02	BLR 14-9
602301-01	701011-01	BLR 17-3
602306-01	701301-02	BLR 18-4
602401-01	701311-02	BLR 21-7
602601-01	701326-02	BLR 22-5

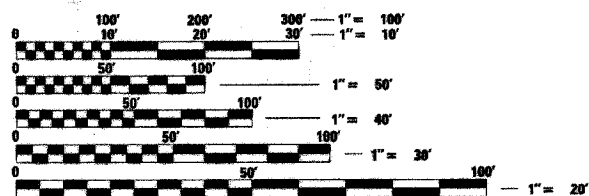
FAU ROUTE 9164 (STATE ST)
SECTION 05-00054-01-PV
PROJECT NO. HS-CMM-5011 (216)
CITY OF O'FALLON
ST. CLAIR COUNTY
JOB NO. C-98-370-06



LOCATION OF SECTION INDICATED THUS: —■—

DESIGN DESIGNATION

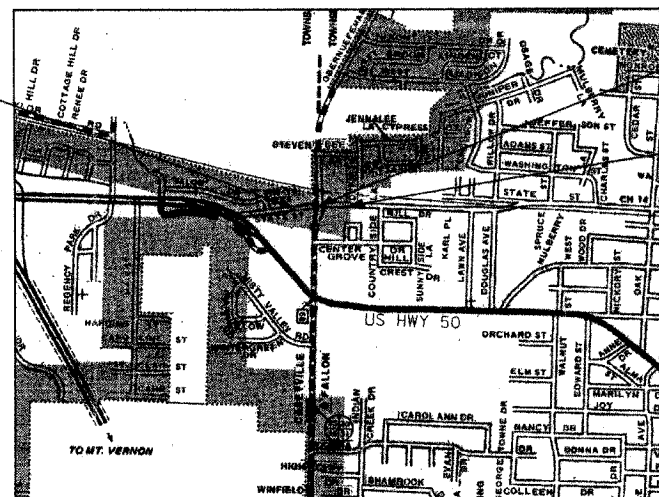
F.A.U.S. 9164 (STATE STREET) - MINOR ARTERIAL
2026 ADT = 23,430
DESIGN SPEED = 25 mph



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

BEGIN CONSTRUCTION
STA 28+18.52



STA. 30+00.00 STATE STREET =
STA. 40+00.00 OBERNEUFEMANN

END CONSTRUCTION
STA 31+76.54

LOCATION MAP

GROSS LENGTH OF PROJECT = 358.02 FEET (0.068 MILES) - ALONG STATE STREET
NET LENGTH OF PROJECT = 358.02 FEET (0.068 MILES)

PLANS PREPARED BY
HORNER & SHIFRIN, INC.
ENGINEERS ■ ARCHITECTS ■ PLANNERS

640 PIERCE BOULEVARD SUITE 200 ■ O'FALLON, IL 62269
5200 OAKLAND AVENUE ■ ST. LOUIS, MISSOURI 63110
www.horner-shifrin.com



City of O'Fallon, Illinois
255 South Lincoln
O'Fallon, Illinois 62269
Phone: (618) 624-4500
Fax: (618) 624-4508
www.ofallon.org

ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED October 5 20 06
Amy L. Staher
CITY OF O'FALLON, MAYOR

PASSED Nov 6 20 06
Jennifer Oberdorfer
DISTRICT 8 ENGINEER OF LOCAL ROAD & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW 11-9 2006
Mary C. Lomiec
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER



Stephanie S. Muentnich 10/10/06
STEPHANIE S. MUENTNICH, P.E.
License Expires 11/30/2007

GENERAL NOTES

SECTION 05-00054-01-PV		
STATE & OBERNUEFEMANN	TOTAL SHEETS	SHEET NO.
	53	2
CITY OF O'FALLON, ILLINOIS		
ENGINEERING & PUBLIC WORKS DEPT.		
CONTRACT NO. 97288		

- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED, OR OTHERWISE REFERENCED THEIR LOCATION.
- EXISTING UNDERGROUND AND ABOVE-GRADE FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED ON THESE CONTRACT DOCUMENTS BASED UPON THE INFORMATION AND SURVEYS AVAILABLE AT THE TIME OF DRAWING PREPARATION. THE LOCATION OF THESE FEATURES MUST, THEREFORE, BE CONSIDERED APPROXIMATE ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES, STRUCTURES, AND UTILITIES WHICH DID NOT EXIST (OR THE EXISTENCE OF WHICH WAS NOT KNOWN) AT THE TIME OF DRAWING PREPARATION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR(S) TO HAVE ALL EXISTING FACILITIES, STRUCTURES, AND UTILITIES LOCATED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY; AND TO PROTECT ALL SUCH EXISTING FEATURES (EXCEPT THOSE SPECIFICALLY NOTED FOR REMOVAL OR DEMOLITION) DURING CONSTRUCTION.
- THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT	2.016	TONS/CU. YD.
ALL AGGREGATE	2.05	TONS/CU. YD.
HOT-MIX ASPHALT MATERIALS:		
ON PAVEMENT	0.09	GAL./SQ. YD.
INTERMEDIATE LIFTS(FOG COAT)	0.04	GAL./SQ. YD.
ON AGGREGATE SURFACE	0.32	GAL./SQ. YD.
AGGREGATE (PRIME COAT)	0.0015	TONS/SQ. YD.
RIPRAP	1.50	TONS/CU. YD.

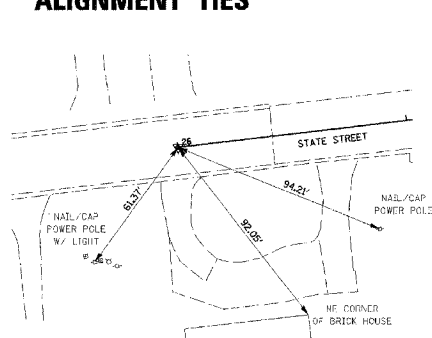
- TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. GENERALLY, TREES OUTSIDE THE CLEAR ZONE, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED.
- TRENCH BACKFILL REQUIRED FOR STORM SEWER, SANITARY SEWER, OR WATER MAINS SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.

- CONNECTING OF NEW OR EXISTING STORM SEWER TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE THE STORM SEWERS OR STRUCTURES INVOLVED.
- FORMS FOR COMBINATION CONCRETE CURB AND GUTTER AND CONCRETE GUTTER TYPE A SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.
- ALL PIPE CULVERTS DESIGNATED ON THE PLANS (R.C.C.P.) SHALL BE "REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE" CONFORMING TO THE REQUIREMENTS OF ARTICLE 1040.03.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.18.
- THE BOUNDARIES OF ALL CURB & GUTTER REMOVAL, PAVEMENT REMOVAL, AND PATCHES WILL BE MADE USING A CONCRETE SAW. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB & GUTTER REMOVAL, PAVEMENT REMOVAL, AND / OR PATCHING.
- THE CONTRACTOR SHALL NOTIFY IN WRITING THE FOLLOWING EMERGENCY SERVICES 14 DAYS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO TRAFFIC CHANGES:

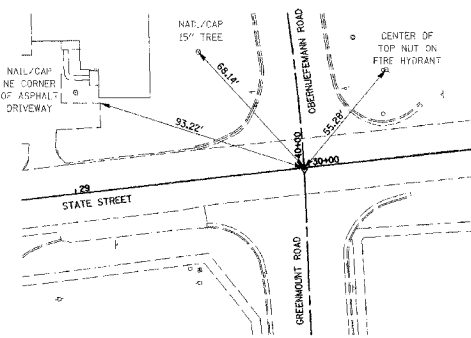
BRENT SAUNDERS, FIRE CHIEF O'FALLON FIRE DEPARTMENT P.O. BOX 332 O'FALLON, IL 62269	JOHN BETTEN, DIRECTOR OF PUBLIC SAFETY 285 N. SEVEN HILLS ROAD O'FALLON, ILLINOIS 62269
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- IN LOCATIONS REQUIRING HOT MIX ASPHALT SURFACE REMOVAL A TEMPORARY RAMP SHALL BE CONSTRUCTED TO PROVIDE A SMOOTH TRANSITION FROM THE EXISTING PAVEMENT.
- THE REMOVAL AND RELOCATION OF EXISTING SIGNS ARE INCLUDED IN THE COST OF EARTH EXCAVATION AND INCLUDES REMOVAL AND INSTALLATION AT THE LOCATION SHOWN ON THE PLANS. ANY DAMAGED SIGNS AND/OR POSTS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

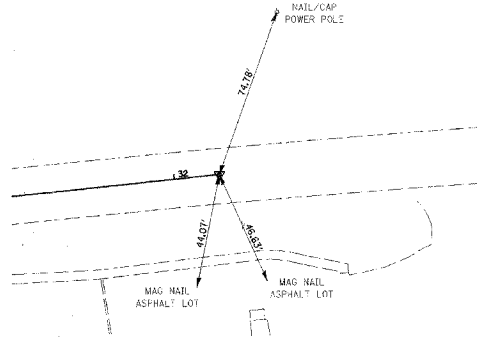
ALIGNMENT TIES



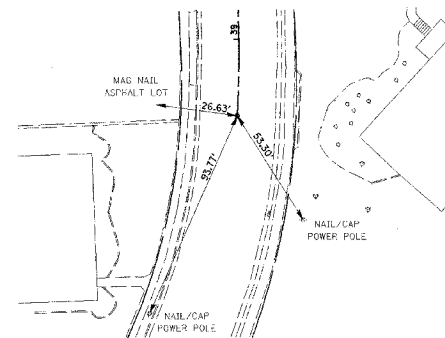
POT STA 26+00.00
MAG NAIL (SET)
STATE STREET



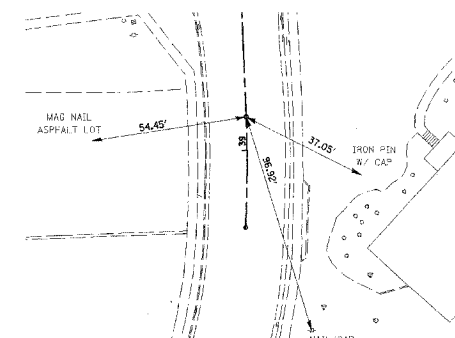
STA 30+00.00 (STATE STREET) =
STA 40+00.00 (GREENMOUNT/OBERNUEFEMANN ROAD)
MAG NAIL (SET)



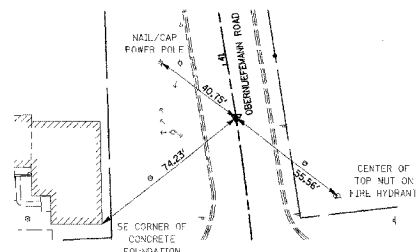
POT STA 32+19.65
MAG NAIL (SET)
STATE STREET



PC STA 38+66.63
CHISELED "X"
NORTH GREENMOUNT ROAD



PT STA 39+14.47
CHISELED "X"
NORTH GREENMOUNT ROAD



PT STA 40+76.21
MAG NAIL (SET)
OBERNUEFEMANN ROAD

CITY OF O'FALLON, ILLINOIS

**GENERAL NOTES
& ALIGNMENT TIES**
SHEET 1 OF 1

SCALE: N/A
DATE: 10/05/06

DRAWN BY: KMO
CHECKED BY: SSM

CODED PAYITEM	DESCRIPTION	UNIT	TOTAL QUANTITY	L530		L400	
				HSIP 90% FEDERAL 10% LOCAL I000-1A	80% FEDERAL 20% LOCAL I000-1A	HSIP 90% FEDERAL 10% LOCAL I000-1A	80% FEDERAL 20% LOCAL I000-1A
20200100	EARTH EXCAVATION	CU YD	141	63	78		
20400800	FURNISHED EXCAVATION	CU YD	95	43	52		
20800150	TRENCH BACKFILL	CU YD	109	49	60		
25000100	SEEDING, CLASS 1	ACRE	0.16	0.07	0.09		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	16	16			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	16	16			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	16	16			
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.36	0.36			
25100115	MULCH, METHOD 2	ACRE	0.16	0.16			
25200100	SODDING	SO YD	88	88			
28000255	TEMPORARY EROSION CONTROL SEEDING	ACRE	0.16	0.16			
28000400	PERIMETER EROSION BARRIER	FOOT	651	293	358		
28000500	INLET AND PIPE PROTECTION	EACH	16	7	9		
31100100	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	418	188	230		
35501450	HOT-MIX ASPHALT BASE COURSE	TON	268	121	147		
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	3	1	2		
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	81	36	45		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	367	165	202		
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	362	163	199		
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	190	86	104		
42000210	PORTLAND CEMENT CONCRETE PAVEMENT 7 1/2"	SQ YD	230	104	126		
42001200	PAVEMENT FABRIC	SQ YD	230	104	126		
42001300	PROTECTIVE COAT	SQ YD	299	135	164		
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	24	11	13		
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	3202	1441	1761		
42400800	DETECTABLE WARNINGS	SQ FT	160	72	88		
44000100	PAVEMENT REMOVAL	SQ YD	512	230	282		
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	155	70	85		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	16	16			
44000300	CURB REMOVAL	FOOT	18	18			
44000500	COMBINATION CURB & GUTTER REMOVAL	FOOT	568	256	312		
44000600	SIDEWALK REMOVAL	SQ FT	1277	575	702		
44004250	PAVED SHOULDER REMOVAL	SQ YD	279	126	153		
44201976	CLASS D PATCHES, TYPE II	SQ YD	48	22	26		

CODED PAYITEM	DESCRIPTION	UNIT	TOTAL QUANTITY	L530		L400	
				HSIP 90% FEDERAL 10% LOCAL I000-1A	80% FEDERAL 20% LOCAL I000-1A	HSIP 90% FEDERAL 10% LOCAL I000-1A	80% FEDERAL 20% LOCAL I000-1A
48203100	HOT-MIX ASPHALT SHOULDERS	TON	37	17	20		
50105220	PIPE CULVERT REMOVAL	FOOT	158	71	87		
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	183	82	101		
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	82	37	45		
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1			
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1			
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1			
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1	1			
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	3	1	2		
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	4	2	2		
60500040	REMOVING MANHOLES	EACH	1	1			
60500060	REMOVING INLETS	EACH	4	2	2		
60600105	CONCRETE CURB	FOOT	69	31	38		
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	612	275	337		
60606800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.18	FOOT	125	56	69		
60607200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.18 (SPECIAL)	FOOT	113	51	62		
60608250	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.06	FOOT	201	90	111		
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SQ FT	1400	630	770		
67100100	MOBILIZATION	L SUM	1		1		
70103816	TRAFFIC CONTROL SURVEILLANCE	CAL MO	6	3	3		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1459	657	802		
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	42	19	23		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1246	561	685		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	935	421	514		
72000100	SIGN PANEL - TYPE 1	SQ FT	188	85	103		
73000100	WOOD SIGN SUPPORT	FOOT	459	207	252		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	136	61	75		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	777	350	427		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	88	88			

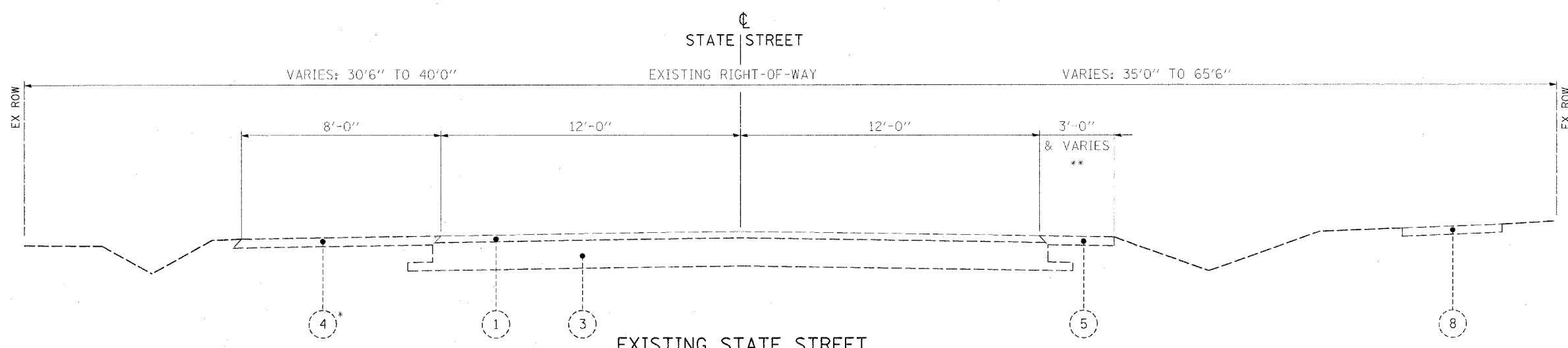
* SPECIALTY ITEMS DESIGNATION

CITY OF O'FALLON, ILLINOIS

SUMMARY OF QUANTITIES
 SHEET 1 OF 2

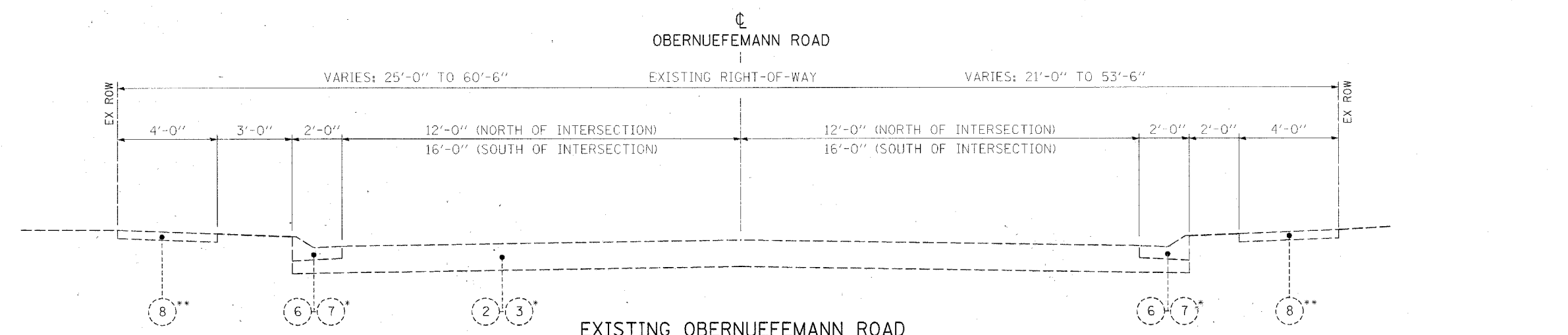
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DRAWN BY: SSM
 CHECKED BY: SRD



**EXISTING STATE STREET
 TANGENT SECTION**
 - TO APPLY -
 STA 28+18.52 TO STA 30+00.00
 STA 30+00.00 TO STA 31+76.54

* STA 28+18.52 TO STA 28+81.38 - AGGREGATE SHOULDER
 STA 30+48.57 TO STA 31+76.54 - HOT-MIX ASPHALT SHOULDER
 ** STA 28+18.52 TO STA 28+81.38 - HOT-MIX ASPHALT SHOULDER, 3 FT
 STA 30+48.57 TO STA 31+76.54 - HOT-MIX ASPHALT SHOULDER, 6 FT



**EXISTING OBERNUEFEMANN ROAD
 TANGENT SECTION**
 - TO APPLY -
 STA 39+00.02 TO STA 40+00.00
 STA 40+00.00 TO STA 41+73.95

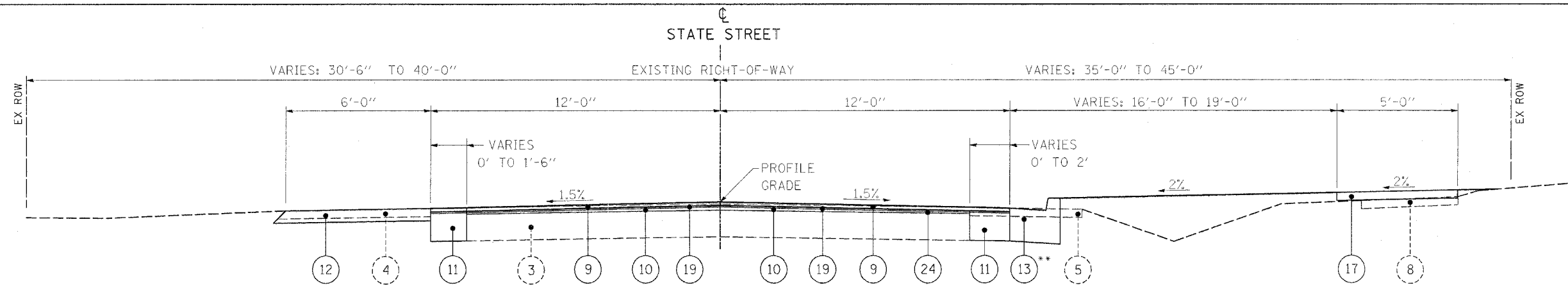
* STA 39+00.02 TO STA 39+77.74 - MOUNTABLE C&G, PCC CONCRETE PAVEMENT
 STA 40+11.50 TO STA 41+73.95 - BARRIER C&G, HOT-MIX ASPHALT PAVEMENT
 ** STA 40+00.00 TO STA 41+73.95 - NO SIDEWALK BOTH SIDES

EXISTING LEGEND

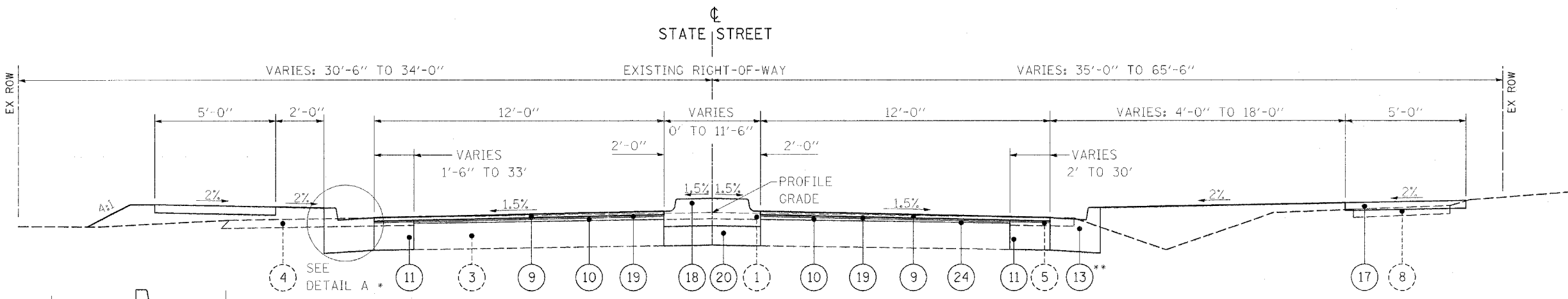
- | | |
|--|---|
| ① EXISTING HOT-MIX ASPHALT OVERLAY | ⑤ EXISTING HOT MIX ASPHALT SHOULDER |
| ② EXISTING HOT-MIX ASPHALT PAVEMENT (VARIABLE DEPTH) | ⑥ EXISTING MOUNTABLE CONCRETE CURB AND GUTTER |
| ③ EXISTING PCC PAVEMENT (VARIABLE DEPTH) | ⑦ EXISTING BARRIER CONCRETE CURB AND GUTTER |
| ④ EXISTING AGGREGATE SHOULDER | ⑧ EXISTING CONCRETE SIDEWALK |

CITY OF O'FALLON, ILLINOIS
**STATE STREET &
 OBERNUEFEMANN ROAD**
 TYPICAL SECTIONS
 SCALE: NONE
 DATE: 10/05/06
 DRAWN BY: SSM
 CHECKED BY: TJM

Plot Date: 10/27/2006
 Plot Time: 11:48:06 AM
 Plotted By: kolcendorph
 Filename: I:\05046\Cad\Construction-Plans\Typicals.dgn

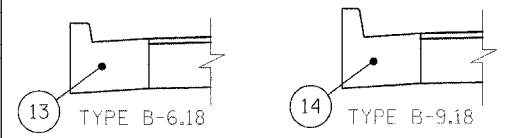


**PROPOSED STATE STREET
 TANGENT SECTION**
 - TO APPLY -
 STA 28+18.52 TO STA 29+00.00
 STA 31+00.00 TO STA 31+76.54



**PROPOSED STATE STREET
 TANGENT SECTION**
 - TO APPLY -
 STA 29+00.00 TO STA 30+00.00
 STA 30+00.00 TO STA 31+00.00

** STA 30+34.73 TO STA 31+07.24 - COMB CONC C & G, TYPE B-6.18
 STA 31+07.24 TO STA 31+76.54 - HOT-MIX ASPHALT SHOULDER



DETAIL A

* STA 29+08.09 TO STA 29+64.55 - COMB CONC C & G, TYPE B-9.18
 STA 30+35.13 TO STA 31+05.78 - COMB CONC C & G, TYPE B-6.18

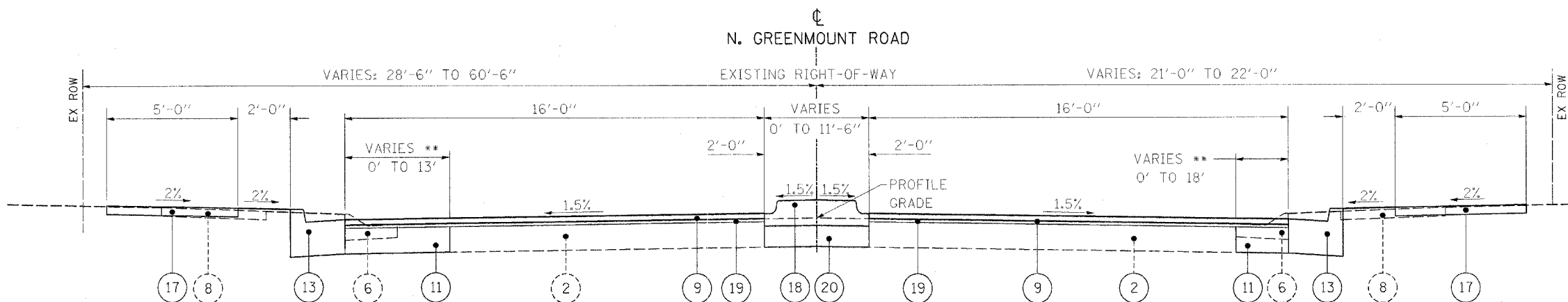
LEGEND

- | | |
|--|--|
| ① EXISTING HOT-MIX ASPHALT OVERLAY | ⑨ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 (1-3/4") |
| ② EXISTING HOT-MIX ASPHALT PAVEMENT (VARIABLE DEPTH) | ⑩ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (VARIABLE DEPTH) |
| ③ EXISTING PCC PAVEMENT (VARIABLE DEPTH) | ⑪ PROPOSED HOT-MIX ASPHALT BASE COURSE (9") |
| ④ EXISTING AGGREGATE SHOULDER | ⑫ PROPOSED HOT-MIX ASPHALT SHOULDERS (6") |
| ⑤ EXISTING HOT-MIX ASPHALT SHOULDER | ⑬ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18 |
| ⑥ EXISTING MOUNTABLE CONCRETE CURB AND GUTTER | ⑭ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.18 |
| ⑦ EXISTING BARRIER CONCRETE CURB AND GUTTER | ⑮ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE M-2.06 |
| ⑧ EXISTING CONCRETE SIDEWALK | ⑯ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.18 (SPECIAL) |
| | ⑰ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4" |
| | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N90 (3/4") |
| | ⑲ PROPOSED LEVELING BINDER (MACHINE METHOD), N90 (3/4") |
| | ⑳ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, (VARIABLE DEPTH) |
| | ㉑ PROPOSED PC CONCRETE PAVEMENT, 7.5" |
| | ㉒ PROPOSED PAVEMENT FABRIC |

- ⑳ TOPSOIL FURNISH AND PLACE, (VARIABLE DEPTH)
 ㉒ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (DUE TO SLOPE CORRECTION)

CITY OF O'FALLON, ILLINOIS
**STATE STREET &
 OBERNUEFEMANN ROAD**
 TYPICAL SECTIONS
 SCALE: NONE DRAWN BY: SSM
 DATE: 10/05/06 CHECKED BY: TJM

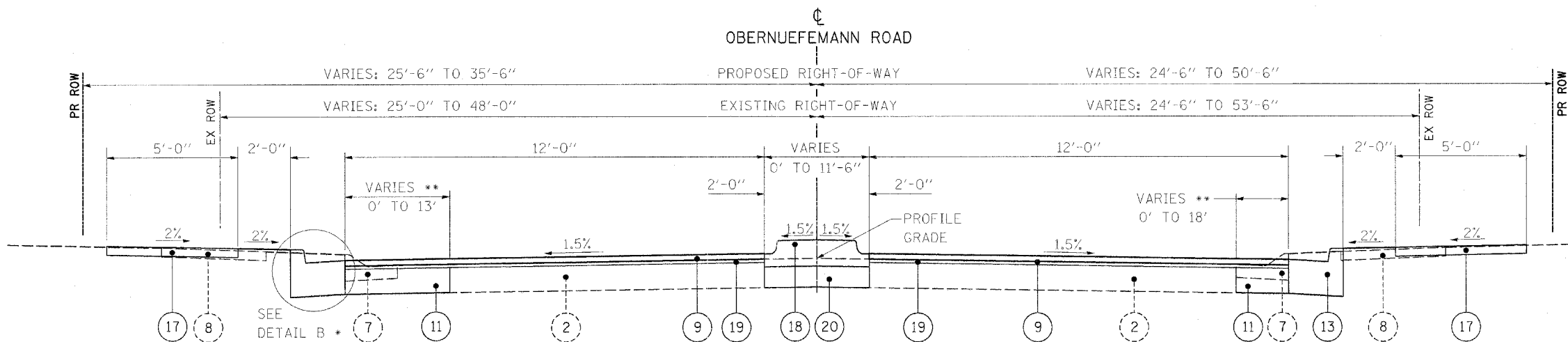
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**PROPOSED N. GREENMOUNT ROAD
 TANGENT SECTION**

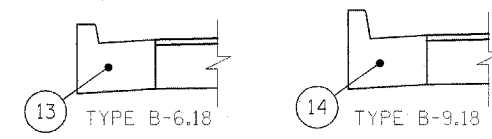
- TO APPLY -
 STA 39+00.02 TO STA 40+00.00

** WIDENING ON RADIUS RETURN



**PROPOSED OBERNUEFEMANN ROAD
 TANGENT SECTION**

- TO APPLY -
 STA 40+00.00 TO STA 41+73.95



DETAIL B

* STA 40+35.12 TO STA 41+73.95 -
 COMB CONC C & G, TYPE B-9.18

LEGEND

- | | | |
|--|--|--|
| 1 EXISTING HOT-MIX ASPHALT OVERLAY | 9 PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 (1-3/4") | 17 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4" |
| 2 EXISTING HOT-MIX ASPHALT PAVEMENT (VARIABLE DEPTH) | 10 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (VARIABLE DEPTH) | 18 PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 |
| 3 EXISTING PCC PAVEMENT (VARIABLE DEPTH) | 11 PROPOSED HOT-MIX ASPHALT BASE COURSE (9") | 19 PROPOSED LEVELING BINDER (MACHINE METHOD), N90 (3/4") |
| 4 EXISTING AGGREGATE SHOULDER | 12 PROPOSED HOT-MIX ASPHALT SHOULDERS (6") | 20 PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, (VARIABLE DEPTH) |
| 5 EXISTING HOT-MIX ASPHALT SHOULDER | 13 PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18 | 21 PROPOSED PC CONCRETE PAVEMENT, 7.5" |
| 6 EXISTING MOUNTABLE CONCRETE CURB AND GUTTER | 14 PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.18 | 22 PROPOSED PAVEMENT FABRIC |
| 7 EXISTING BARRIER CONCRETE CURB AND GUTTER | 15 PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE M-2.06 | |
| 8 EXISTING CONCRETE SIDEWALK | 16 PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.18 (SPECIAL) | |

- 23 TOPSOIL FURNISH AND PLACE, (VARIABLE DEPTH)
- 24 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (DUE TO SLOPE CORRECTION)

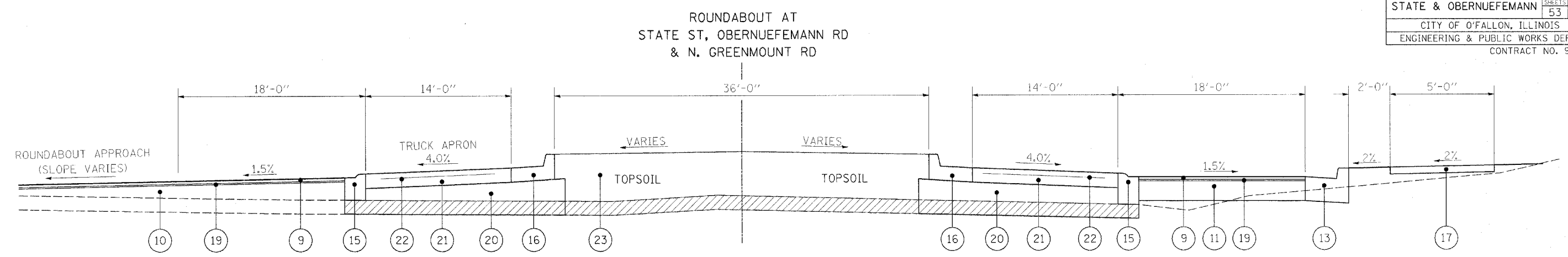
CITY OF FALLON, ILLINOIS

**STATE STREET &
 OBERNUEFEMANN ROAD
 TYPICAL SECTIONS**

SCALE: NONE
 DATE: 10/05/06

DRAWN BY: SSM
 CHECKED BY: TJM

Plot Date: 10/27/2006
 Plot Time: 10:08:17 AM
 Plotted By: kshindler@rth
 Filename: \\s05046\ccat\Construction\Plans\Typical.dgn



STRUCTURAL PAVEMENT DESIGN INFORMATION

STATE STREET & OBERNUEFEMANN/N. GREENMOUNT ROAD

STRUCTURAL DESIGN TRAFFIC (S.D.T.) : YEAR = 2026

CURRENT ADT (2006): STATE ST: 15,769
 OBERNUEFEMANN/N. GREENMOUNT: 6,504

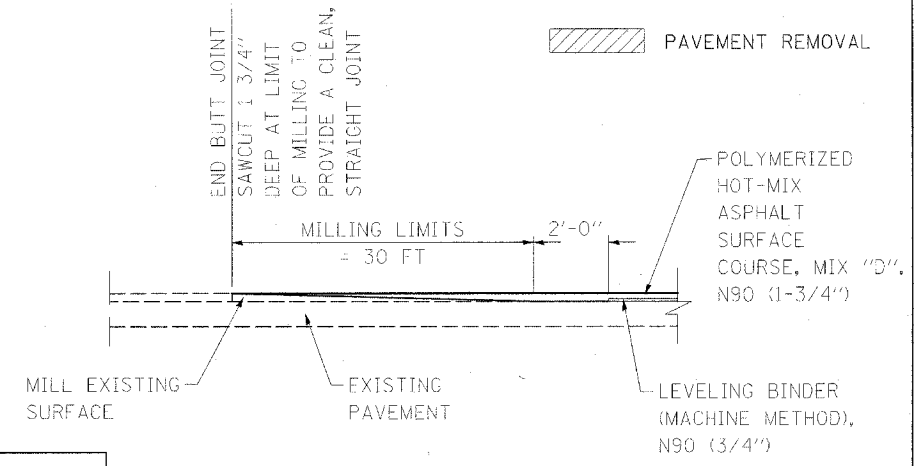
DESIGN YEAR (2026): STATE ST: 23,430
 OBERNUEFEMANN/N. GREENMOUNT: 9,666

CLASS II STREET P.V. = 11,130
 S.U. = 234
 M.U. = 351

MINIMUM SOIL SUPPORT: IBR = 3 (ASSUMED FOR ENTIRE PROJECT)

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P.C. = 95 S.U. = 2 M.U. = 3 T.F. = 1.63

PROPOSED ROUNDABOUT
 TYPICAL SECTION



BUTT JOINT DETAIL

BITUMINOUS MIXTURES REQUIREMENT TABLE

MIXTURE USE(S):	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE	HOT-MIX ASPHALT BINDER COURSE	LEVELING BINDER (MACHINE METHOD)	HOT-MIX ASPHALT BASE COURSE	CLASS D PATCHES TYPE II	HOT-MIX ASPHALT SHOULDERS (BOTTOM LIFT 4")	HOT-MIX ASPHALT SHOULDERS (TOP LIFT 2")
AC/PG:	SBS PG 70-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22	PG 58-22
RAP% (MAX): **	0%	10%	10%	10%	10%	30%	30%
DESIGN AIR VOIDS:	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90	2.0% @ Ndes=30	**2.0% @ Ndes=30
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-12.5	IL 19.0	IL 19.0	IL 19.0	IL 19.0		
FRICITION AGGREGATE	MIXTURE "D"	MIXTURE "C"	MIXTURE "C"	MIXTURE "B"	MIXTURE "B"	BAM	BAM

** TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

LEGEND

- ① EXISTING HOT-MIX ASPHALT OVERLAY
- ② EXISTING HOT-MIX ASPHALT PAVEMENT (VARIABLE DEPTH)
- ③ EXISTING PCC PAVEMENT (VARIABLE DEPTH)
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑥ EXISTING MOUNTABLE CONCRETE CURB AND GUTTER
- ⑦ EXISTING BARRIER CONCRETE CURB AND GUTTER
- ⑧ EXISTING CONCRETE SIDEWALK
- ⑨ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 (1-3/4")
- ⑩ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (VARIABLE DEPTH)
- ⑪ PROPOSED HOT-MIX ASPHALT BASE COURSE (9")
- ⑫ PROPOSED HOT-MIX ASPHALT SHOULDERS (6")
- ⑬ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
- ⑭ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.18
- ⑮ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE M-2.06
- ⑯ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.18 (SPECIAL)
- ⑰ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ⑱ PROPOSED CONCRETE MEDIAN, TYPE SB-6.06
- ⑲ PROPOSED LEVELING BINDER (MACHINE METHOD), N90 (3/4")
- ⑳ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, (VARIABLE DEPTH)
- ㉑ PROPOSED PC CONCRETE PAVEMENT, 7.5"
- ㉒ PROPOSED PAVEMENT FABRIC
- ㉓ TOPSOIL FURNISH AND PLACE, (VARIABLE DEPTH)
- ㉔ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (DUE TO SLOPE CORRECTION)

CITY OF O'FALLON, ILLINOIS

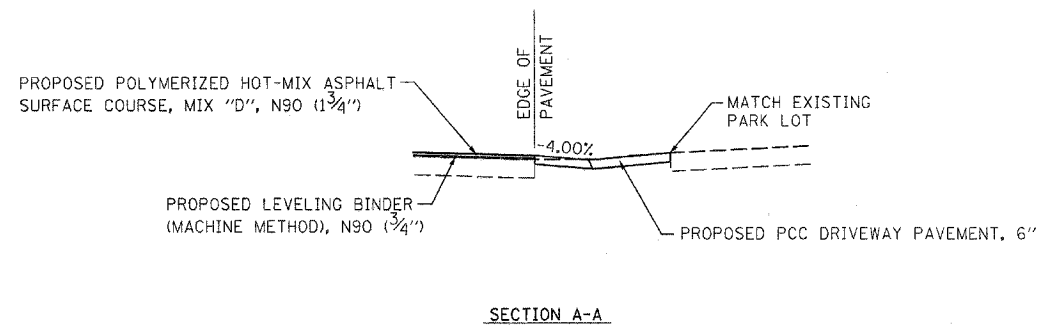
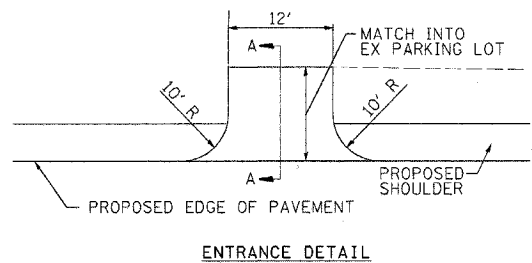
STATE STREET & OBERNUEFEMANN ROAD

TYPICAL SECTIONS

SCALE: NONE
 DATE: 10/05/06

DRAWN BY: SSM
 CHECKED BY: SRD

SHOULDER			
LOCATION	SIDE	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT SHOULDERS
		SQ YD	TON
STATE STREET			
28+18.52 TO 28+43.54	LT		5
28+18.52 TO 28+81.37	LT	55	
28+18.52 TO 29+54.64	RT	65	
28+57.22 TO 28+85.55	LT		6
30+34.80 TO 31+76.54	LT	73	
30+44.54 TO 31+76.54	RT	86	
31+05.78 TO 31+76.54	LT		13
31+07.24 TO 31+76.54	RT		13
TOTAL:		279	37



PATCHING		
LOCATION	SIDE	CLASS D PATCHES, TYPE II
		SQ YD
STATE STREET		
29+10.82 TO 29+13.95	LT/RT	9
30+41.88 TO 30+55.90	LT/RT	9
31+01.37 TO 31+04.50	LT/RT	8
GREENMOUNT		
39+38.43 TO 39+41.56	LT/RT	11
OBERNUEFEMANN		
40+52.94 TO 40+56.36	LT/RT	11
41+73.79 TO 41+77.80	LT	0
TOTAL:		48

ENTRANCE				
LOCATION	SIDE	WIDTH	DRIVEWAY PAVEMENT REMOVAL	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
			SQ YD	SQ YD
STATE STREET				
28+50.34	LT	12		24
28+87.82	LT	11	16	
TOTAL:			16	24

SIDEWALK				
LOCATION	SIDE	SIDEWALK REMOVAL	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	DETECTABLE WARNINGS
		SQ FT	SQ FT	SQ FT
28+63.41 (STATE STREET) TO 38+99.59 (GREENMOUNT)	SW QUADRANT	632	980	40
29+14.98 (STATE STREET) TO 40+87.38 (OBERNUEFEMANN)	NW QUADRANT		591	40
39+00.53 (GREENMOUNT) TO 31+09.63 (STATE STREET)	SE QUADRANT	645	830	40
40+88.04 (OBERNUEFEMANN) TO 31+14.58 (STATE STREET)	NE QUADRANT		801	40
TOTAL:		1277	3202	160

CITY OF O'FALLON, ILLINOIS
SCHEDULE OF QUANTITIES
 SHEET 2 OF 6
 SCALE: N/A
 DATE: 10/05/06
 DRAWN BY: KMO
 CHECKED BY: SSM

STORM SEWER									
LOCATION	STRUCTURE NUMBER	STRUCTURE NUMBER	SIDE	TRENCH BACKFILL	PIPE CULVERTS, CLASS A, TYPE 1 15"	PIPE CULVERTS, CLASS A, TYPE 1 18"	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH
				CU YD	FOOT	FOOT	FOOT	FOOT	FOOT
STATE STREET									
29+27.36 TO 29+12.38	1/7	1/6	RT	2.8	14				
29+12.38 TO 29+12.38	1/6	1/5	LT/RT	8.2			33		
29+12.38 TO 29+27.29	1/5	1/4	LT	4.0			14		
29+27.29 TO 29+67.66	1/4	1/3	LT	12.9			44		
29+67.66 TO 40+56.00	1/3	1/2	LT	4.6		16			
31+02.94 TO 31+02.94	3/2	3/1	LT/RT	5.6	32				
31+02.94 TO 31+02.94	3/1	3/0	LT	3.2	17				
GREENMOUNT									
39+10.00 TO 39+40.00	2/4	2/3	LT	5.7	30				
39+40.00 TO 39+40.00	2/3	2/2	LT/RT	10.7	46				
39+40.00 TO 39+57.57	2/2	2/1	RT	4.9		18			
39+57.57 TO 30+67.82	2/1	2/0	LT/RT	19.8			89		
39+50.00 TO 39+40.00	2/31	2/3	LT	1.9	10				
39+10.00 TO 39+40.00	2/21	2/2	RT	6.0	28				
OBERNUEFEMANN									
40+56.00 TO 40+53.28	1/2	1/1	LT/RT	13.9		48			
40+53.28 TO 40+53.96	1/1	1/0	RT	2.7					16
40+60.00 TO 40+53.28	1/11	1/1	RT	1.9	6				
TOTAL:				109	183	82	91	89	16

STORM SEWER STRUCTURE											
LOCATION	STRUCTURE NUMBER	OFFSET	SIDE	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	INLETS, TYPE B, TYPE 3V FRAME AND GRATE
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
STATE STREET											
29+12.38	1/5	19.02	LT								1
29+12.38	1/6	15.77	RT						1		
29+27.29	1/4	20.69	LT								1
29+27.36	1/7	16.44	RT					1			
29+67.66	1/3	40.90	LT								1
30+67.82	2/0	43.63	LT		1						
31+02.84	3/1	17.07	LT								1
31+02.94	3/0	38.76	LT	1							
31+02.94	3/2	17.53	RT							1	
GREENMOUNT											
39+10.00	2/4	18.19	LT							1	
39+10.00	2/21	18.90	RT							1	
39+40.00	2/2	22.92	RT						1		
39+40.00	2/3	25.65	LT						1		
39+50.00	2/31	29.65	LT					1			
39+57.57	2/1	31.95	RT								1
OBERNUEFEMANN											
40+53.28	1/1	25.17	RT				1				
40+53.96	1/0	47.48	RT			1					
40+56.00	1/2	23.63	LT						1		
40+60.00	1/11	23.25	RT					1			
TOTAL:				1	1	1	1	3	4	3	5

TEMPORARY PAVEMENT MARKING						
LOCATION	WORK ZONE PAVEMENT MARKING REMOVAL		SHORT TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING		
	SHORT TERM	TEMP.		LINE 4"	LINE 4"	LETTERS AND SYMBOLS
	SQ FT	SQ FT	FOOT	SOLID WHITE FOOT	SOLID YELLOW FOOT	SQ FT
28+18.54 (STATE STREET) TO 38+99.59 (GREENMOUNT)	71.72	71.72	217.33	217.33		
28+18.54 (STATE STREET) TO 41+73.79 (OBERNUEFEMANN)	97.49	97.49	295.43	295.43		
29+43.14 (STATE STREET)	16.83	10.13	51.00			10.13
29+64.71 TO 30+35.29 (STATE STREET)	73.17	73.17	221.73		221.73	
30+57.01 (STATE STREET)	16.83	10.13	51.00			10.13
38+99.59 (GREENMOUNT) TO 31+76.51 (STATE STREET)	72.34	72.34	219.20	219.20		
39+42.99 (GREENMOUNT)	19.64	11.81	59.50			11.81
40+57.26 (OBERNUEFEMANN)	16.83	10.13	51.00			10.13
41+73.79 (OBERNUEFEMANN) TO 31+76.51 (STATE STREET)	96.51	96.51	292.45	292.45		
	481.36	453.43				
TOTAL:	935		1459	1024	222	42

PAVEMENT MARKING									
LOCATION	LENGTH	THERMOPLASTIC PAVEMENT MARKING						PRISMATIC CURB REFLECTOR	DESCRIPTION
		LINE 4"	LINE 4"	LINE 12"	LINE 12"	LINE 24"	LETTERS AND SYMBOLS		
		SOLID WHITE FOOT	SOLID YELLOW FOOT	SOLID YELLOW FOOT	3' -3' DASH WHITE FOOT	SOLID WHITE FOOT	SQ FT		
STATE STREET									
28+18.52 TO 28+85.58	67.0	67							SOLID WHITE EDGE LINE
28+18.52 TO 28+64.24	45.7		91						SOLID DOUBLE YELLOW CL
28+64.24 TO 29+00.00	72.8		146						SOLID DOUBLE YELLOW
28+64.24 TO 29+00.00	8.1			8					SOLID YELLOW DIAG.
29+00.00 TO 29+50.00								17	
29+25.00	90.0					90			SOLID WHITE CROSSWALK
29+43.14							18		WHITE YIELD BAR
29+50.55 TO 29+65.45	37.3				19				WHITE 3' -3' DASH
29+64.55 TO 29+92.49	31.9				16				WHITE 3' -3' DASH
30+04.02 TO 30+33.74	33.0				17				WHITE 3' -3' DASH
30+35.13 TO 30+49.45	32.2				16				WHITE 3' -3' DASH
30+50.00 TO 31+00.00								17	
30+57.01							18		WHITE YIELD BAR
30+75.00	90.0					90			SOLID WHITE CROSSWALK
31+00.00 TO 31+36.00	73.1		146						SOLID DOUBLE YELLOW
31+00.00 TO 31+36.00	8.4			8					SOLID YELLOW DIAG.
31+05.78 TO 31+76.54	70.8	71							SOLID WHITE EDGE LINE
31+07.23 TO 31.76.54	69.4	69							SOLID WHITE EDGE LINE
31+36.00 TO 31+76.54	40.5		81						SOLID DOUBLE YELLOW CL
GREENMOUNT									
38+74.07 TO 39+00.00	53.1		106						SOLID DOUBLE YELLOW
38+74.07 TO 39+00.00	4.4			4					SOLID YELLOW DIAG.
39+00.00 TO 39+50.00								17	
39+25.00	100.0					100			SOLID WHITE CROSSWALK
39+42.99							21		WHITE YIELD BAR
OBERNUEFEMANN									
40+50.00 TO 41+73.98								17	
40+57.26							18		WHITE YIELD BAR
40+75.00	90.0					90			SOLID WHITE CROSSWALK
40+98.42	12.0					12			WHITE STOP BAR
41+24.69							3.6		WHITE RAILROAD "R"
41+24.69							3.6		WHITE RAILROAD "R"
41+24.69							54.0		WHITE RAILROAD "X"
41+48.96	12.0					12			WHITE STOP BAR
TOTAL:		207	570	20	68	394	136	68	

SEEDING										
LOCATION	SIDE	SEEDING, CLASS 1	TEMPORARY EROSION CONTROL SEEDING	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2	FURNISHING AND PLACING TOP SOIL	SODDING
		ACRE	ACRE	POUND	POUND	POUND	TON	ACRE	CU YD	SQ YD
28+18.52 (STATE STREET) TO 41+73.95 (OBERNUEFEMANN)	NW QUADRANT	0.03	0.03	3	3	3	0.06	0.03		
28+63.21 (STATE STREET) TO 38+99.61 (GREENMOUNT)	SW QUADRANT	0.03	0.03	3	3	3	0.06	0.03		
39+00.00 (GREENMOUNT) TO 31+76.54 (STATE STREET)	SE QUADRANT	0.05	0.05	5	5	5	0.10	0.05		
41+73.95 (OBERNUEFEMANN) TO 31+76.54 (STATE STREET)	NE QUADRANT	0.05	0.05	5	5	5	0.10	0.05		
29+84.08 TO 30+15.92 (STATE STREET)	ROUNDABOUT						0.04		103	88
TOTAL:		0.16	0.16	16	16	16	0.36	0.16	103	88

CONDUIT		
LOCATION	SIDE	CONDUIT PUSHED, 3" DIA., PVC
		FOOT
STATE STREET		
30+10.84 TO 30+50.84	LT	50
30+11.44 TO 30+51.44	LT	50
TOTAL:		100

STORM SEWER REMOVAL						
LOCATION	OFFSET	OFFSET	PIPE CULVERT REMOVAL	REMOVING MANHOLES	REMOVING INLETS	DESCRIPTION
			FOOT	EACH	EACH	
GREENMOUNT						
39+54.04 TO 39+54.39	26.85' LT	19.35' LT	8			15" CMP
39+54.23	19.34' LT				1	
39+54.39 TO 39+56.72	19.35' LT	16.87' RT	36			15" CMP
39+56.36	16.94' RT				1	
39+56.72 TO 39+57.57	16.87' RT	31.95' RT	15			18" CMP
OBERNUEFEMANN						
40+29.19	18.91' LT				1	
40+29.19 TO 40+25.54	18.91' LT	19.62' RT	39			10" RCCP
40+25.54	19.62' RT				1	
40+25.54 TO 40+53.28	19.62' RT	26.68' RT	29			12" RCCP
40+53.28	26.68' RT			1		
40+53.28 TO 40+54.27	26.68' RT	57.72' RT	31			18" CMP
TOTAL:			158	1	4	

BENCHMARK #1 - STA 30+38.61, 38.4' LT
 RR SPIKE IN SOUTH FACE OF POWER POLE
 ELEV. 548.19

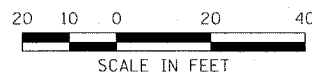
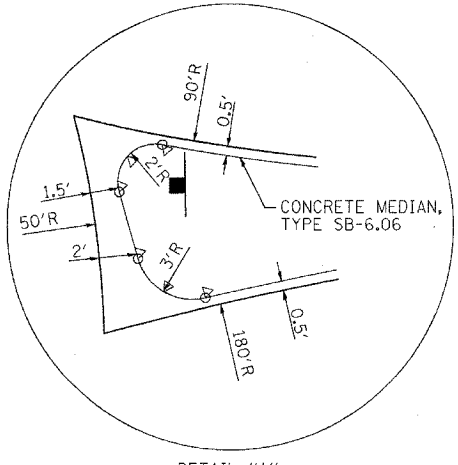
PROP. CURVE OBER1
 PI STA. = 40+38.13
 $\Delta = 5^\circ 02' 24''$ (LT)
 $D = 6^\circ 36' 49''$
 $R = 866.34'$
 $T = 38.13'$
 $L = 76.21'$
 $E = 0.84'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA = 40+00.00
 P.T. STA = 40+76.21

3 CENTERED CURVE
 $72'-40'-212'$
 10.3' OFFSET - 8.2' OFFSET

3 CENTERED CURVE
 $75'-45'-280'$
 8.6' OFFSET - 7.8' OFFSET

3 CENTERED CURVE
 $51'-180'-80'$

PROP. CURVE GREEN1
 PI STA. = 38+90.56
 $\Delta = 5^\circ 11' 37''$ (LT)
 $D = 10^\circ 51' 22''$
 $R = 527.78'$
 $T = 23.94'$
 $L = 47.84'$
 $E = 0.54'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA = 38+66.63
 P.T. STA = 39+14.47



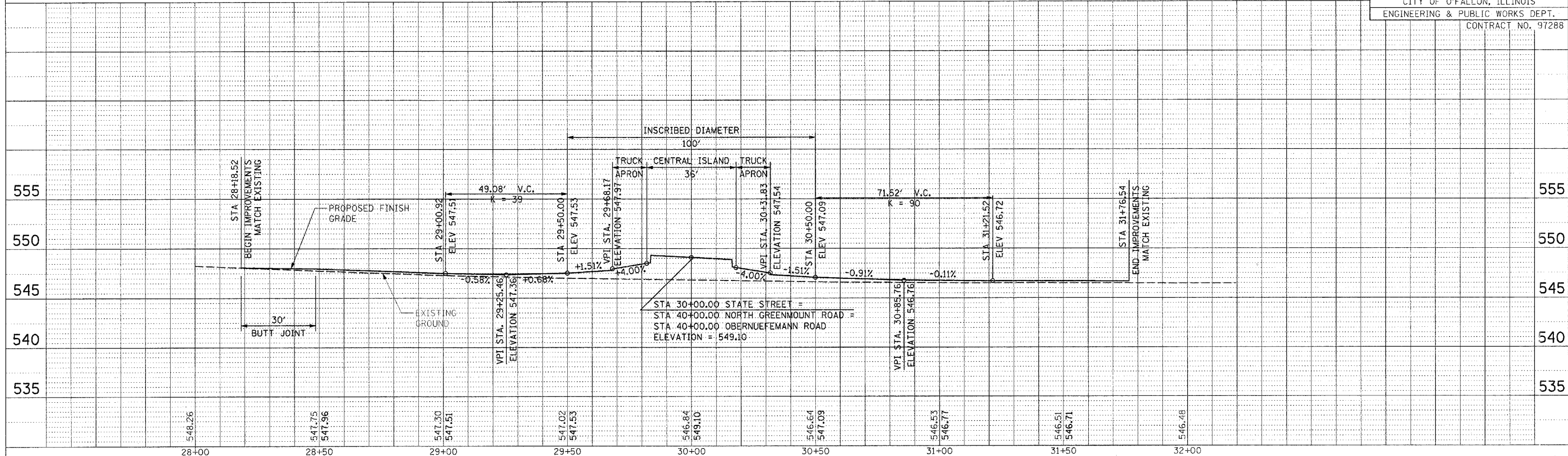
CITY OF O'FALLON, ILLINOIS
STATE STREET & OBERNUEFEMANN ROAD
 PLAN SHEET
 SCALE: 1" = 20'
 DATE: 10/05/06
 DRAWN BY: SSM
 CHECKED BY: TJM

NOTES:
 ALL DIMENSIONS ARE EDGE TO EDGE UNLESS OTHERWISE NOTED.
 TRUCK APRON PCC SHALL BE TERRACOTTA IN COLOR AND HAVE A BRICK PATTERN TO DIFFERENTIATE IT FROM PASSENGER CAR PATH.
 SPLITTER ISLANDS SHALL BE SOLID MEDIAN SURFACE.

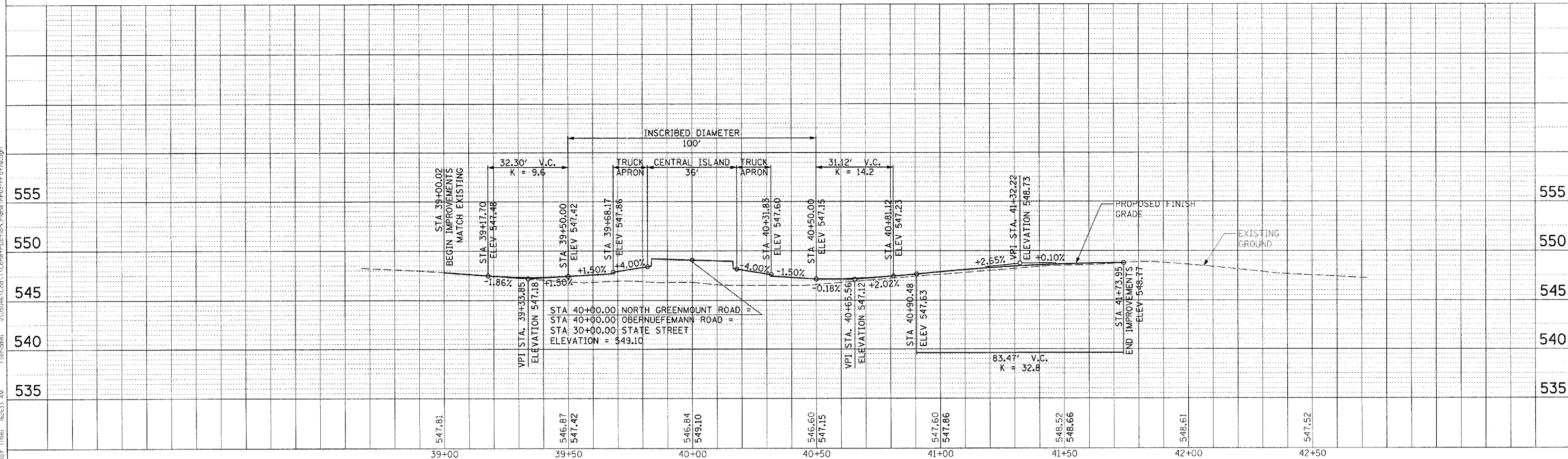
Plot Date: 10/27/2006
 Plot Time: 10:55:57 AM
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STATE STREET

SECTION 05-00054-01-PV	
STATE & OBERNUEFEMANN	TOTAL SHEETS: 53 SHEET NO.: 16
CITY OF O'FALLON, ILLINOIS	
ENGINEERING & PUBLIC WORKS DEPT.	
CONTRACT NO. 97288	







NORTH GREENMOUNT ROAD / OBERNUEFEMANN ROAD



Plot Date: 10/27/2006
 Plot Time: 08:23:40
 Plotted By: Koldenberth
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LEGEND

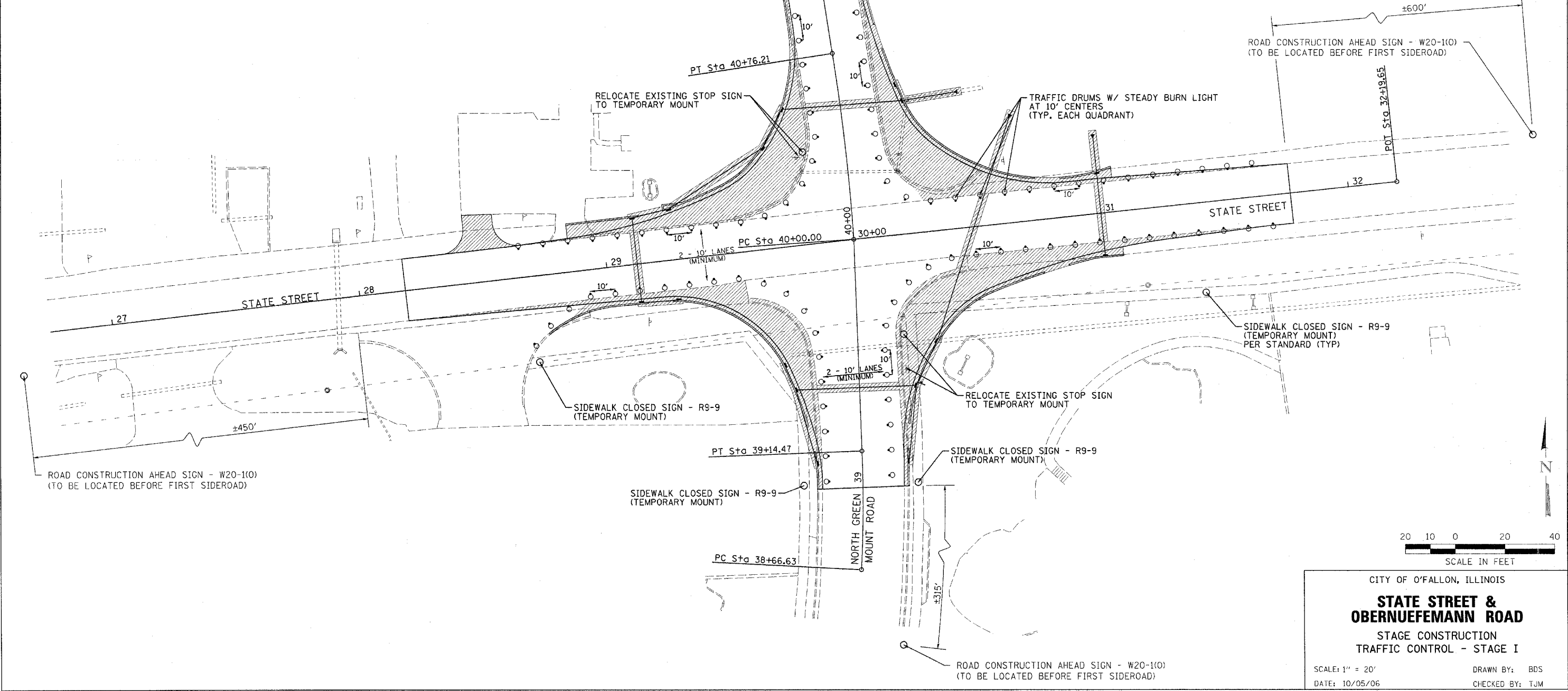
-  WORK AREA
-  BARREL WITH STEADY BURN LIGHT
-  TEMPORARY TRAFFIC CONTROL SIGN(S) (OF TYPE(S) SPECIFIED)
-  PORTABLE CHANGEABLE MESSAGE SIGN

CONSTRUCTION STAGING:

TRAFFIC SHALL REMAIN AS PER EXISTING OPERATION
 CONSTRUCT PRIVATE ENTRANCE IN NORTHWEST QUADRANT
 CONSTRUCT STORM SEWERS USING STD 701301 & 701501
 CONSTRUCT COMBINATION CONCRETE CURB & GUTTER ON OUTER RADII
 CONSTRUCT HOT-MIX ASPHALT BASE COURSE WIDENING USING STD 701011 SUCH THAT WATER WILL DRAIN TOWARDS CURB TO PREVENT PONDING

TRAFFIC CONTROL PAYMENT:

TRAFFIC CONTROL SHOWN ON THIS SHEET TO BE PAID FOR AS TRAFFIC CONTROL - STAGE I



CITY OF O'FALLON, ILLINOIS

STATE STREET & OBERNUEFEMANN ROAD





STAGE CONSTRUCTION
 TRAFFIC CONTROL - STAGE I

SCALE: 1" = 20'
 DATE: 10/05/06

DRAWN BY: BDS
 CHECKED BY: TJM

Plot Date: 10/27/2006
 Plot Time: 12:37 AM
 Plotted By: kelds@dpw
 File Name: I:\05046\CONSTRUCTION\Plans\StageI.dgn

LEGEND

-  WORK AREA
-  BARREL WITH STEADY BURN LIGHT
-  TEMPORARY TRAFFIC CONTROL SIGN(S) (OF TYPE(S) SPECIFIED)
-  PORTABLE CHANGEABLE MESSAGE SIGN

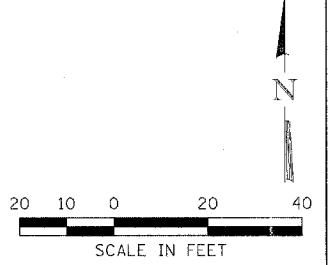
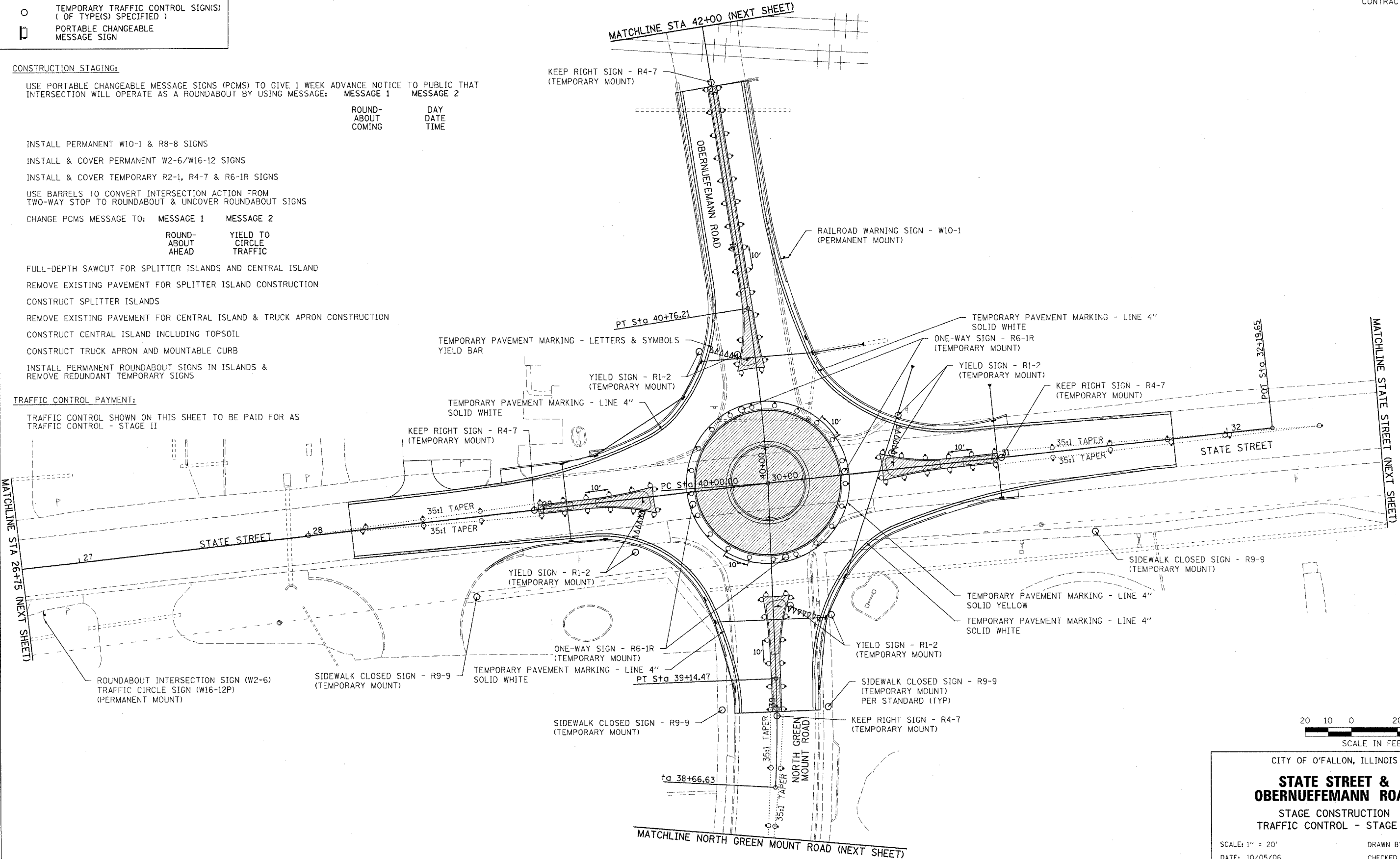
CONSTRUCTION STAGING:

USE PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) TO GIVE 1 WEEK ADVANCE NOTICE TO PUBLIC THAT INTERSECTION WILL OPERATE AS A ROUNDABOUT BY USING MESSAGE: MESSAGE 1 MESSAGE 2

	ROUND-ABOUT COMING	DAY DATE TIME
INSTALL PERMANENT W10-1 & R8-8 SIGNS		
INSTALL & COVER PERMANENT W2-6/W16-12 SIGNS		
INSTALL & COVER TEMPORARY R2-1, R4-7 & R6-1R SIGNS		
USE BARRELS TO CONVERT INTERSECTION ACTION FROM TWO-WAY STOP TO ROUNDABOUT & UNCOVER ROUNDABOUT SIGNS		
CHANGE PCMS MESSAGE TO:	MESSAGE 1	MESSAGE 2
	ROUND-ABOUT AHEAD	YIELD TO CIRCLE TRAFFIC
FULL-DEPTH SAWCUT FOR SPLITTER ISLANDS AND CENTRAL ISLAND		
REMOVE EXISTING PAVEMENT FOR SPLITTER ISLAND CONSTRUCTION		
CONSTRUCT SPLITTER ISLANDS		
REMOVE EXISTING PAVEMENT FOR CENTRAL ISLAND & TRUCK APRON CONSTRUCTION		
CONSTRUCT CENTRAL ISLAND INCLUDING TOPSOIL		
CONSTRUCT TRUCK APRON AND MOUNTABLE CURB		
INSTALL PERMANENT ROUNDABOUT SIGNS IN ISLANDS & REMOVE REDUNDANT TEMPORARY SIGNS		

TRAFFIC CONTROL PAYMENT:

TRAFFIC CONTROL SHOWN ON THIS SHEET TO BE PAID FOR AS TRAFFIC CONTROL - STAGE II



CITY OF O'FALLON, ILLINOIS

STATE STREET & OBERNUEFEMANN ROAD





STAGE CONSTRUCTION
 TRAFFIC CONTROL - STAGE II

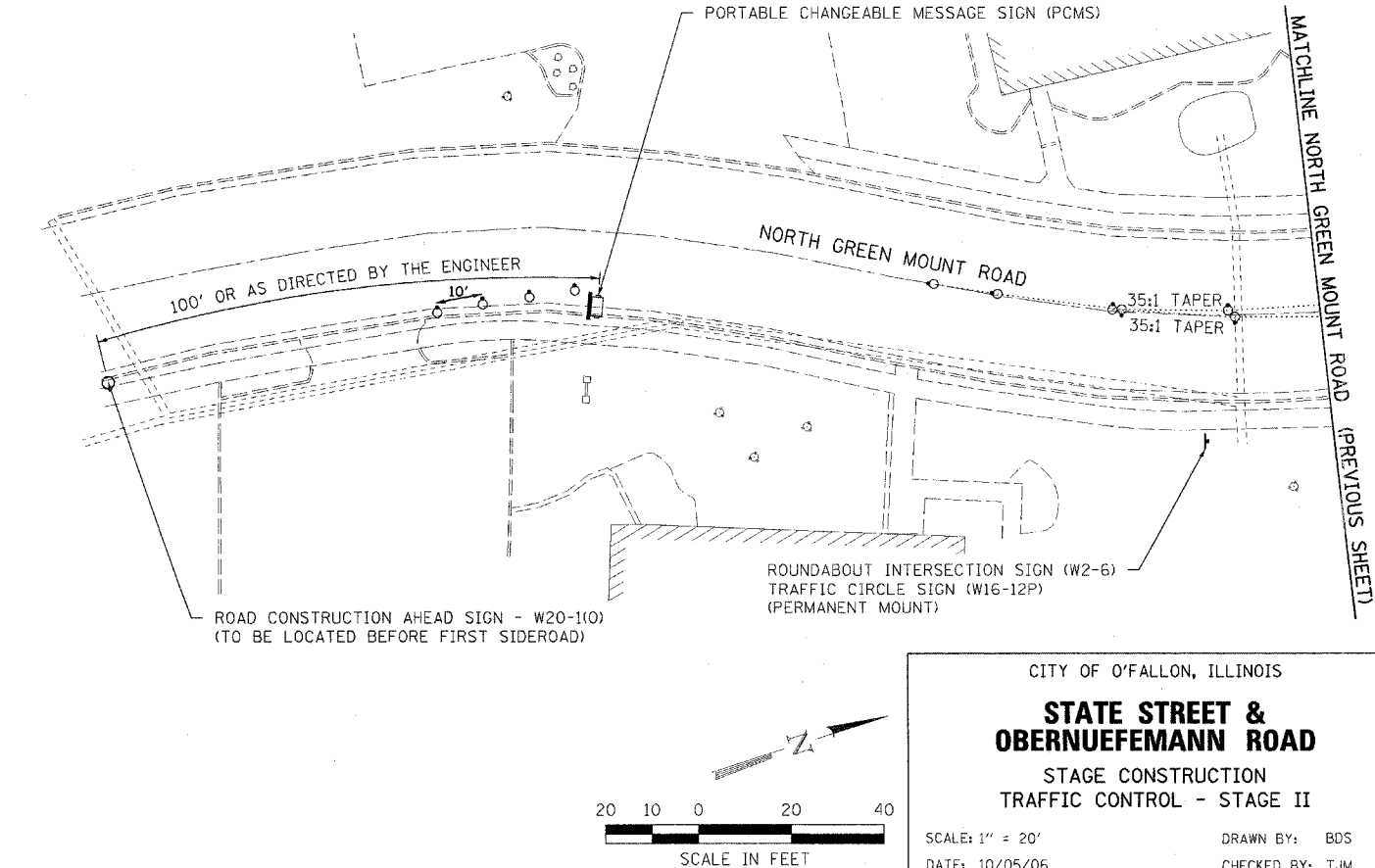
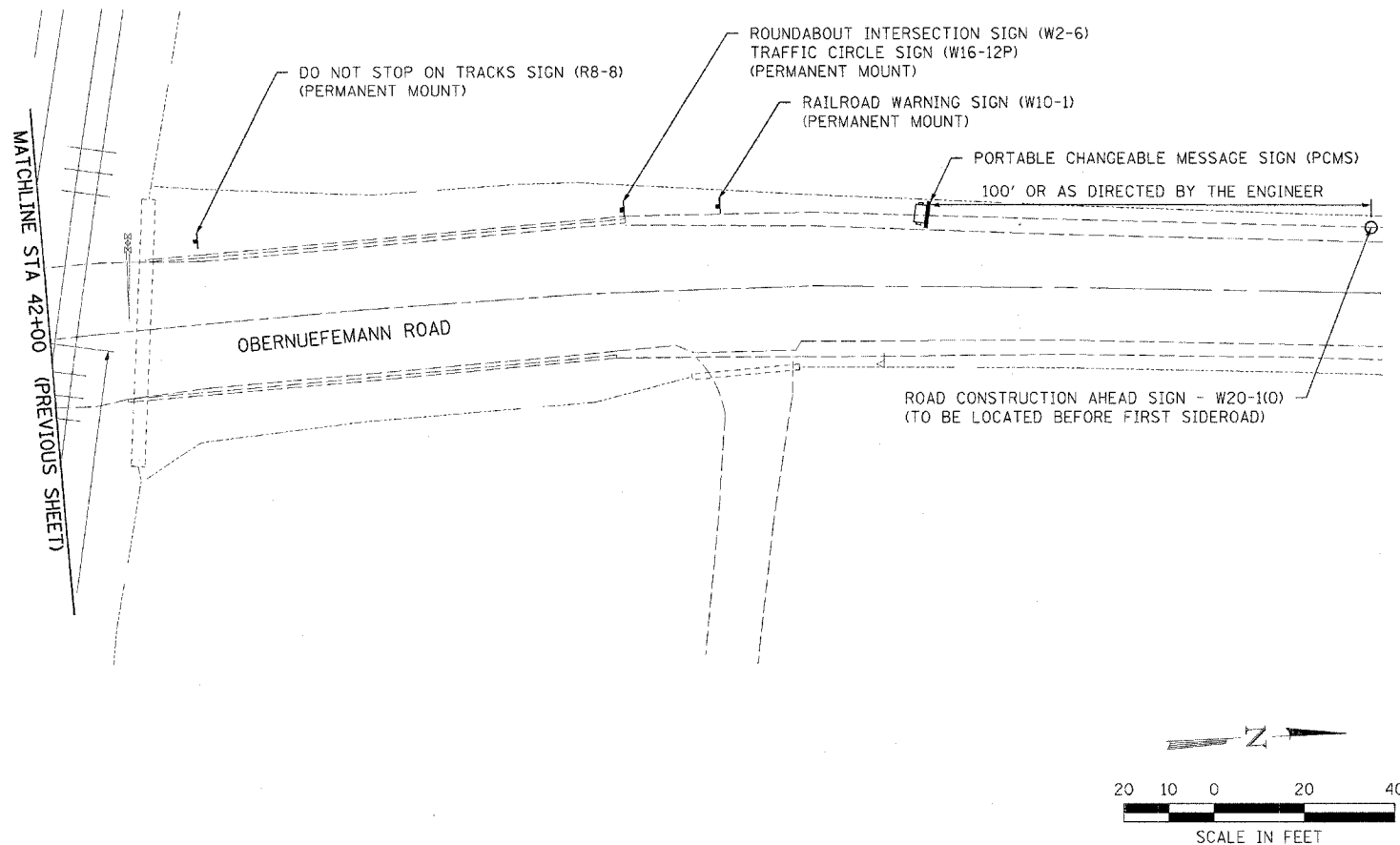
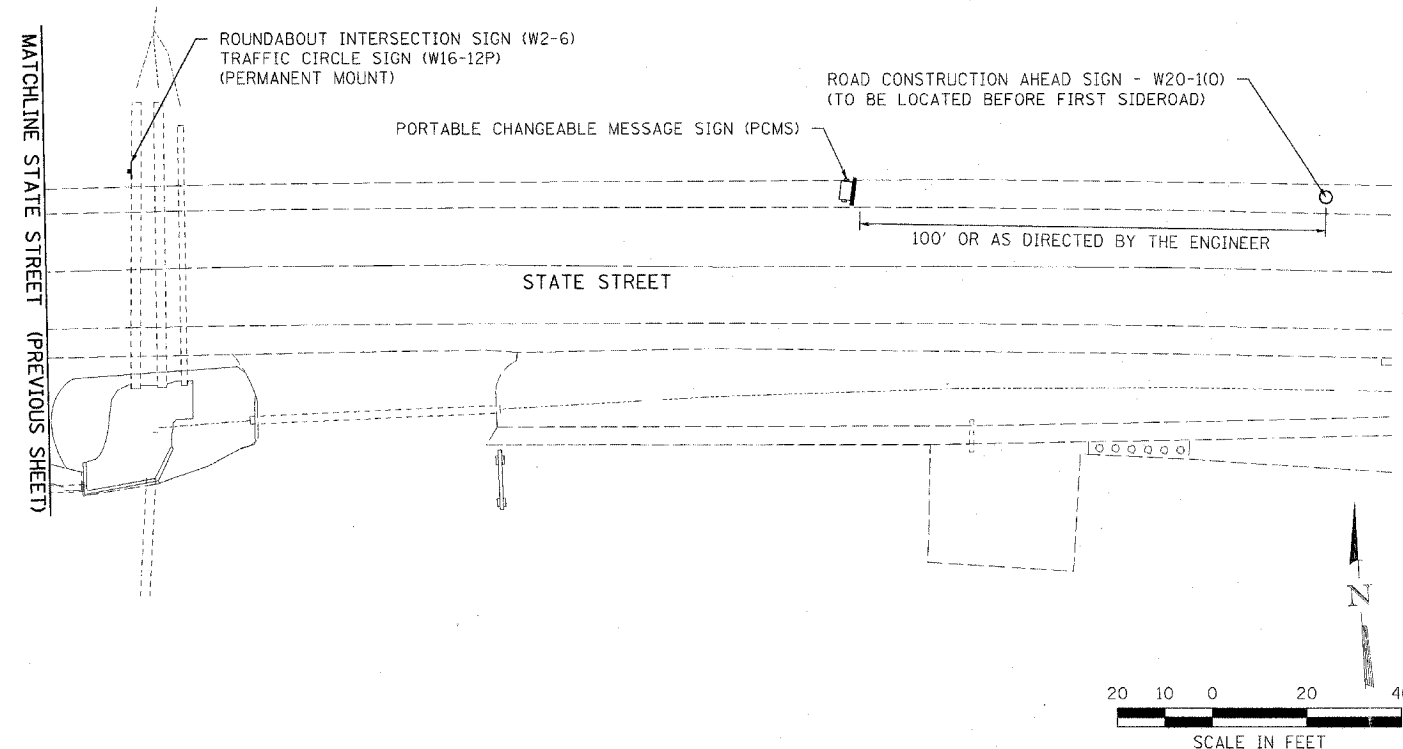
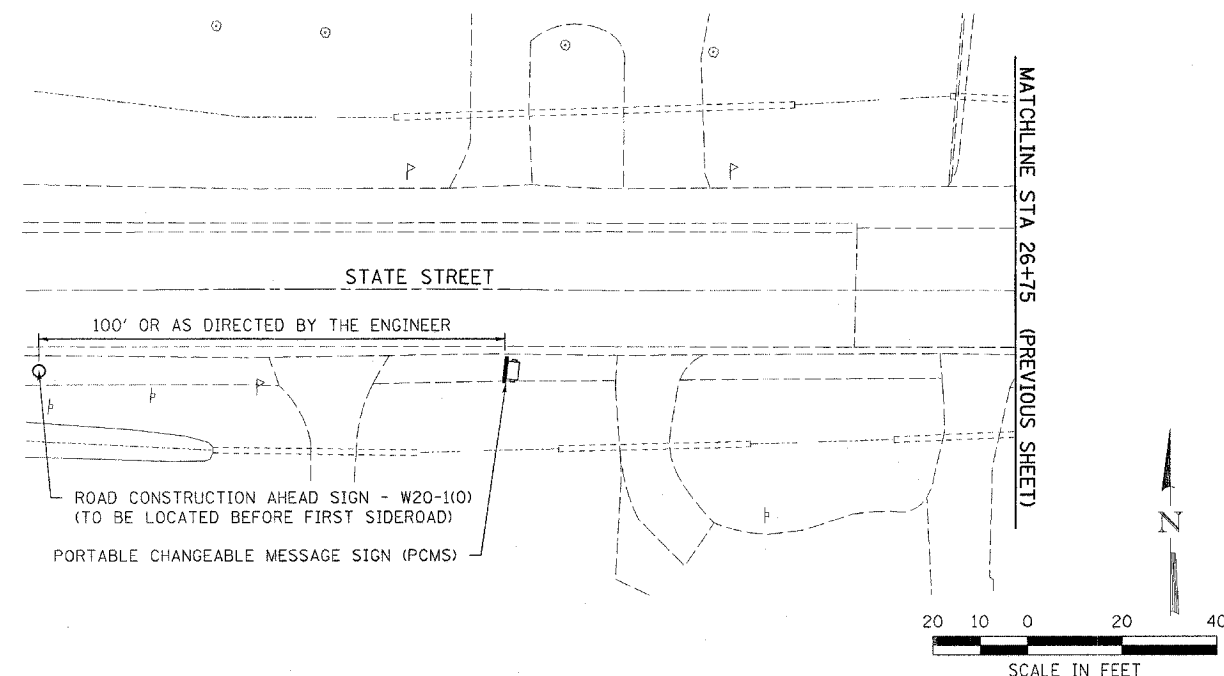
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 DATE: 10/05/06

DRAWN BY: BDS
 CHECKED BY: TJM

Plot Date: 10/27/2006
 Plot Time: 12:55:57 AM
 File Name: S:\05046\CAD\Construction\Plan\StaTraps.dgn

LEGEND





-  WORK AREA
-  BARREL WITH STEADY BURN LIGHT
-  TEMPORARY TRAFFIC CONTROL SIGN(S)
(OF TYPE(S) SPECIFIED)
-  PORTABLE CHANGEABLE MESSAGE SIGN



CITY OF O'FALLON, ILLINOIS
STATE STREET & OBERNUEFEMANN ROAD
 STAGE CONSTRUCTION
 TRAFFIC CONTROL - STAGE II
 SCALE: 1" = 20'
 DATE: 10/05/06
 DRAWN BY: BDS
 CHECKED BY: TJM

Plotted By: koldendorph
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 Plot Time: 11:24:42 AM

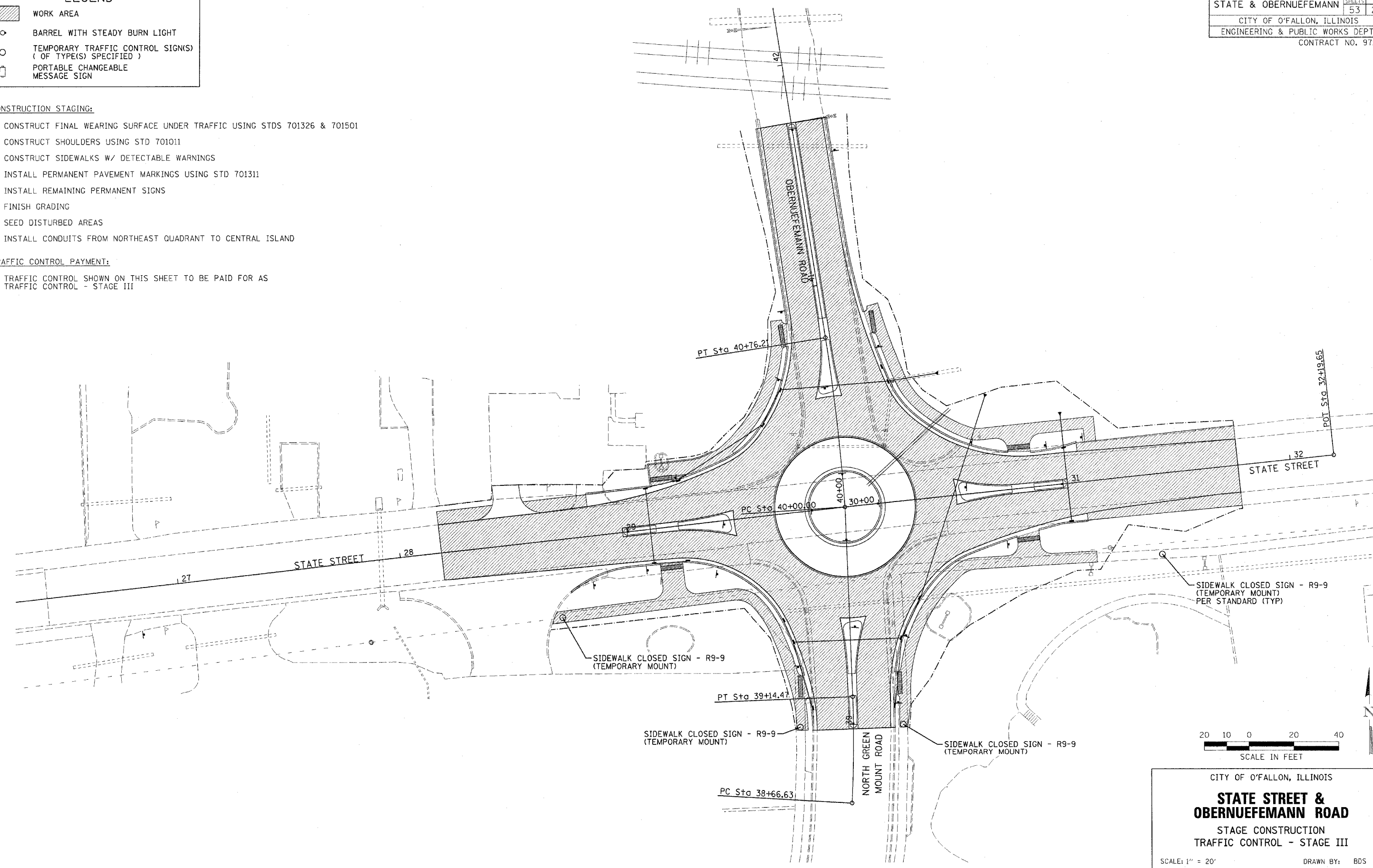
LEGEND

	WORK AREA
	BARREL WITH STEADY BURN LIGHT
	TEMPORARY TRAFFIC CONTROL SIGNS (OF TYPE(S) SPECIFIED)
	PORTABLE CHANGEABLE MESSAGE SIGN

- CONSTRUCTION STAGING:**
- CONSTRUCT FINAL WEARING SURFACE UNDER TRAFFIC USING STDS 701326 & 701501
 - CONSTRUCT SHOULDERS USING STD 701011
 - CONSTRUCT SIDEWALKS W/ DETECTABLE WARNINGS
 - INSTALL PERMANENT PAVEMENT MARKINGS USING STD 701311
 - INSTALL REMAINING PERMANENT SIGNS
 - FINISH GRADING
 - SEED DISTURBED AREAS
 - INSTALL CONDUITS FROM NORTHEAST QUADRANT TO CENTRAL ISLAND

TRAFFIC CONTROL PAYMENT:

TRAFFIC CONTROL SHOWN ON THIS SHEET TO BE PAID FOR AS
 TRAFFIC CONTROL - STAGE III



CITY OF O'FALLON, ILLINOIS

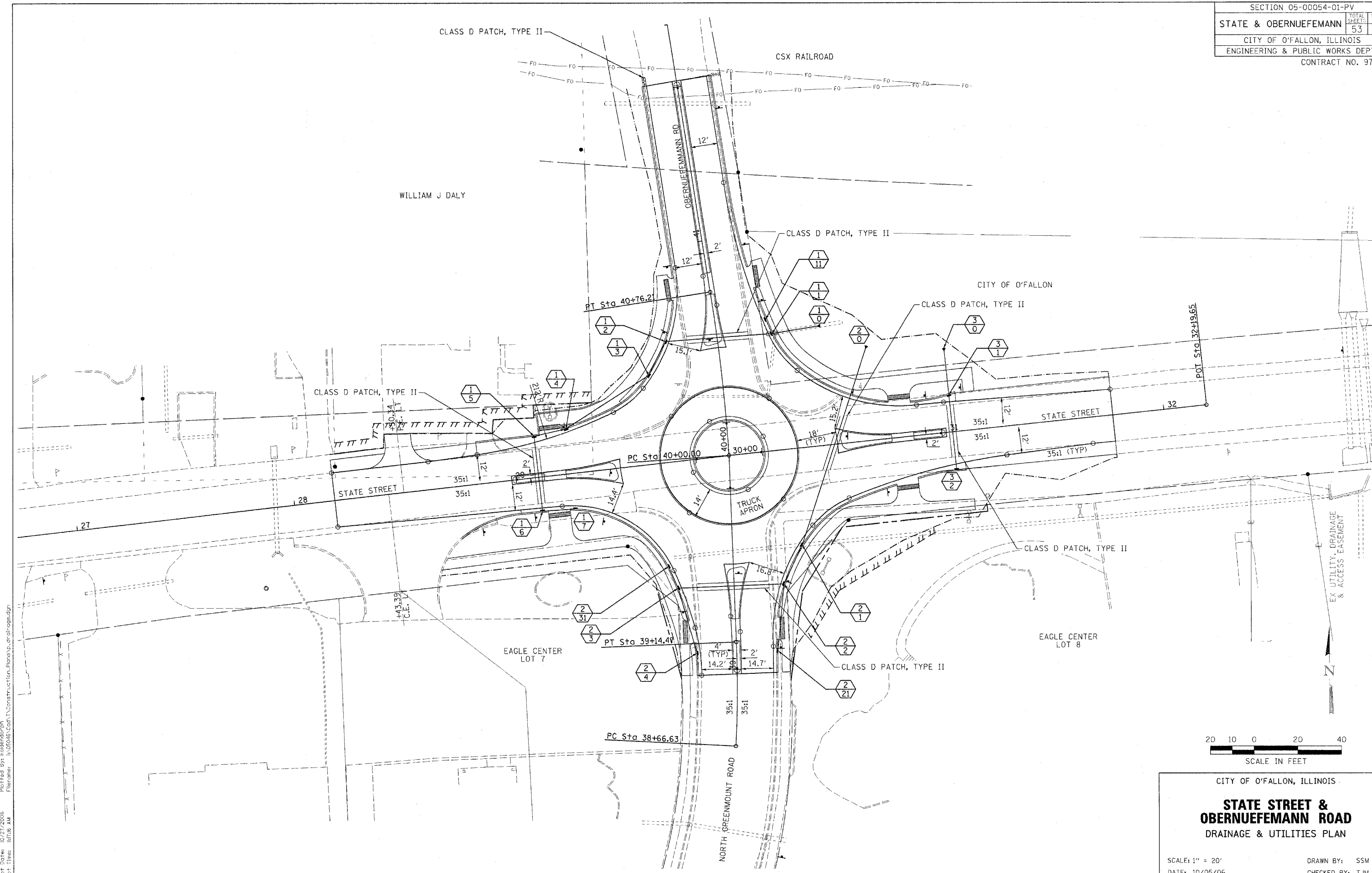
**STATE STREET &
 OBERNUEFEMANN ROAD**

STAGE CONSTRUCTION
 TRAFFIC CONTROL - STAGE III

SCALE: 1" = 20'
 DATE: 10/05/06

DRAWN BY: BDS
 CHECKED BY: TJM

Plot Date: 10/27/2006
 Plot Time: 11:24:27 AM
 Plot File: C:\Users\kolden\Documents\Projects\Construction\Plans\Stage3.dgn



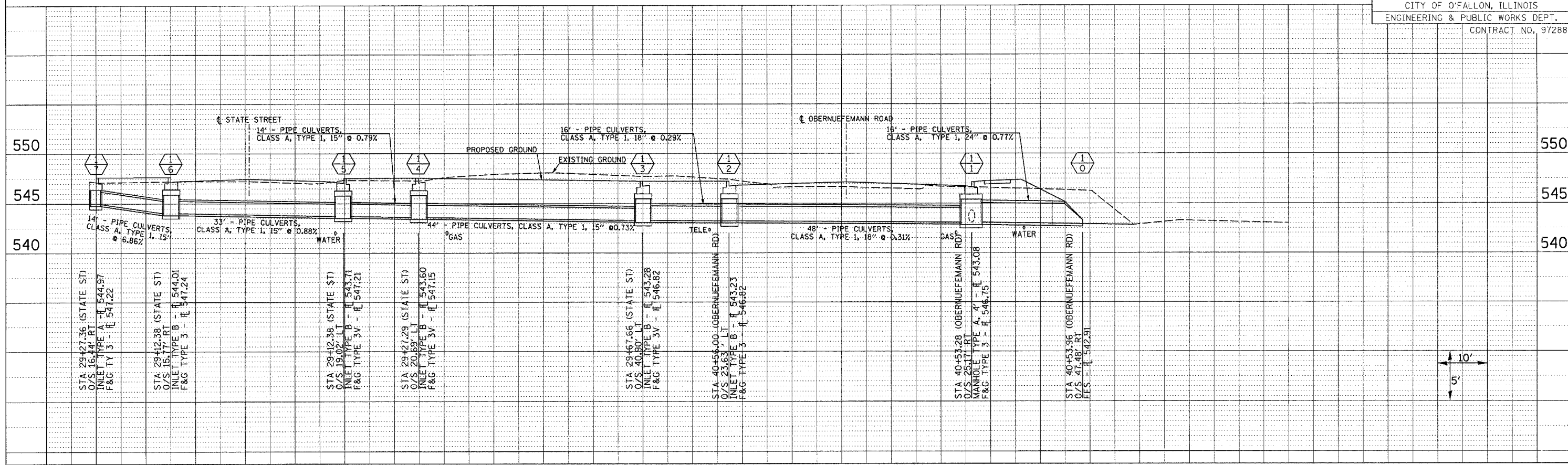
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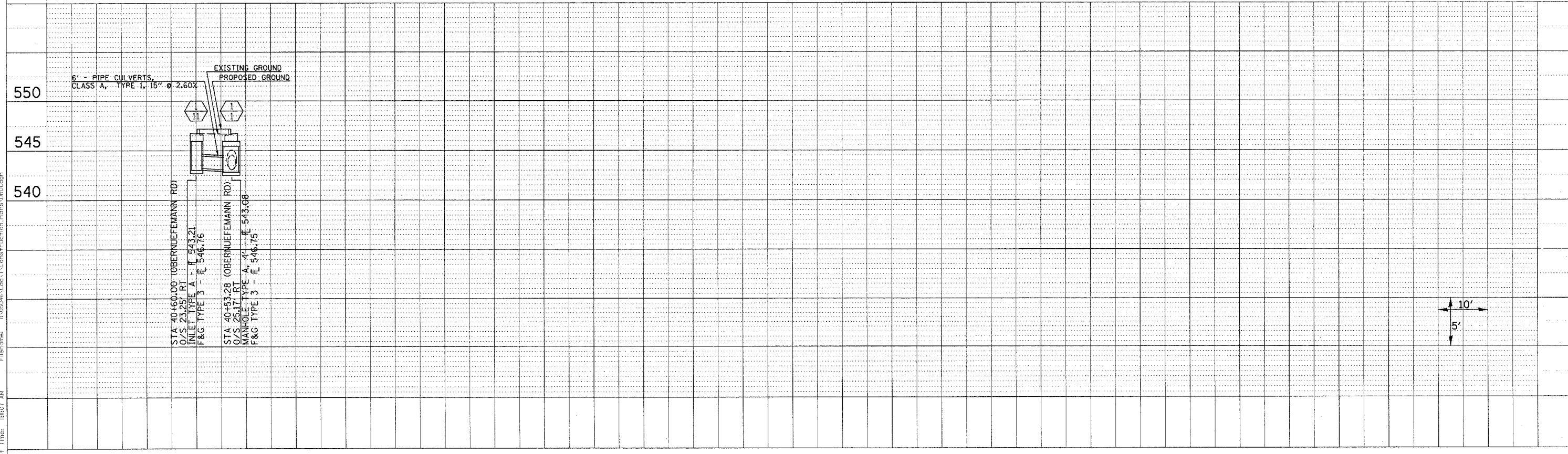
CITY OF O'FALLON, ILLINOIS
STATE STREET & OBERNUEFEMANN ROAD
 DRAINAGE & UTILITIES PLAN
 SCALE: 1" = 20'
 DATE: 10/05/06
 DRAWN BY: SSM
 CHECKED BY: TJM
DRAINAGE & UTILITIES PLAN

MAINLINE STORM SEWER PROFILES

SECTION 05-0054-01-PV	
STATE & OBERNUEFEMANN	TOTAL SHEETS: 53 SHEET NO.: 22
CITY OF O'FALLON, ILLINOIS	
ENGINEERING & PUBLIC WORKS DEPT.	
CONTRACT NO. 97288	



SUB-SYSTEM STORM SEWER PROFILES

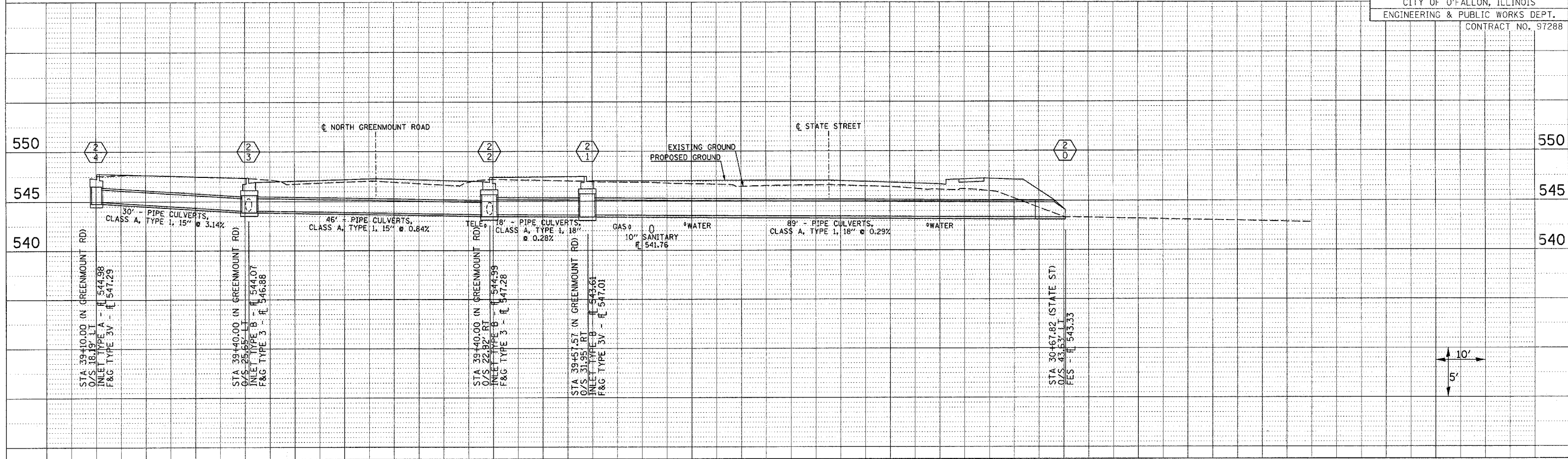


Plot Date: 10/27/2006
 Plot Time: 11:07 AM
 Plotted By: Koderoroph
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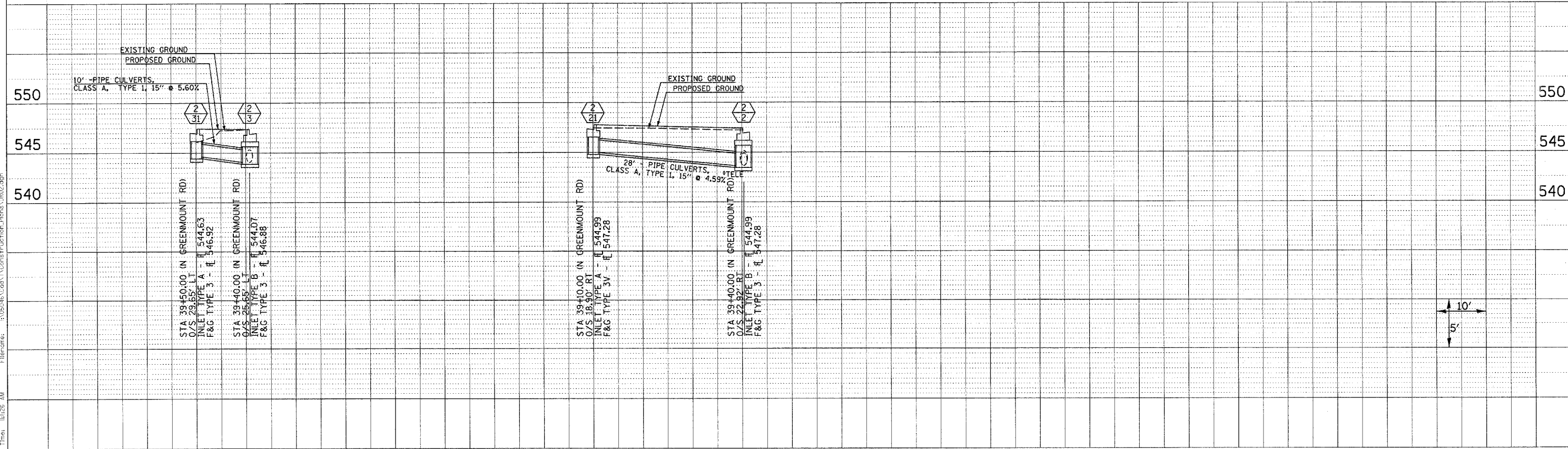


MAINLINE STORM SEWER PROFILES

SECTION 05-00054-01-PV	
STATE & OBERNUEFEMANN	TOTAL SHEETS: 53 / SHEET NO.: 23
CITY OF O'FALLON, ILLINOIS	
ENGINEERING & PUBLIC WORKS DEPT.	
CONTRACT NO. 97288	



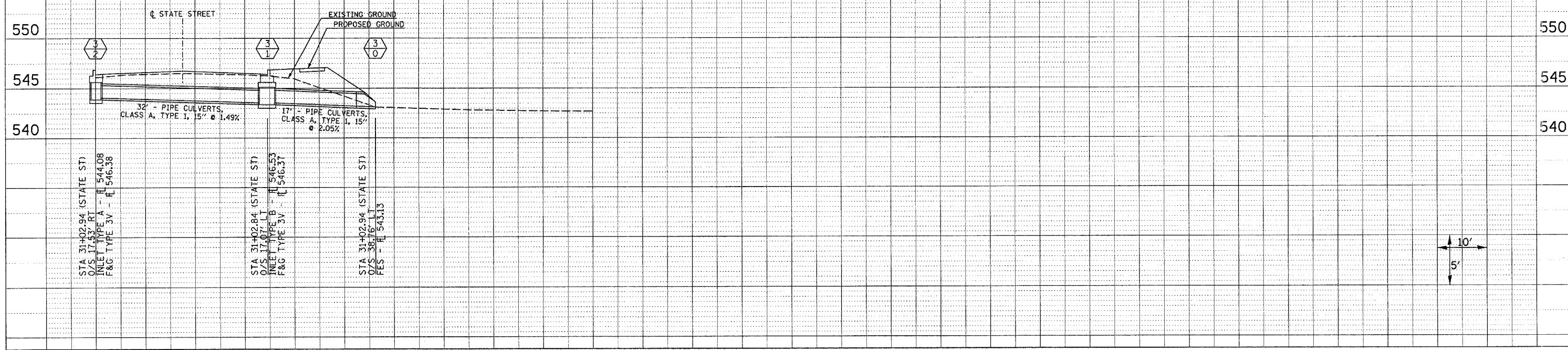
SUB-SYSTEM STORM SEWER PROFILES



Plot Date: 10/27/2006
 Plot Time: 11:26 AM
 Plotted By: kolehdorph
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MAINLINE STORM SEWER PROFILES

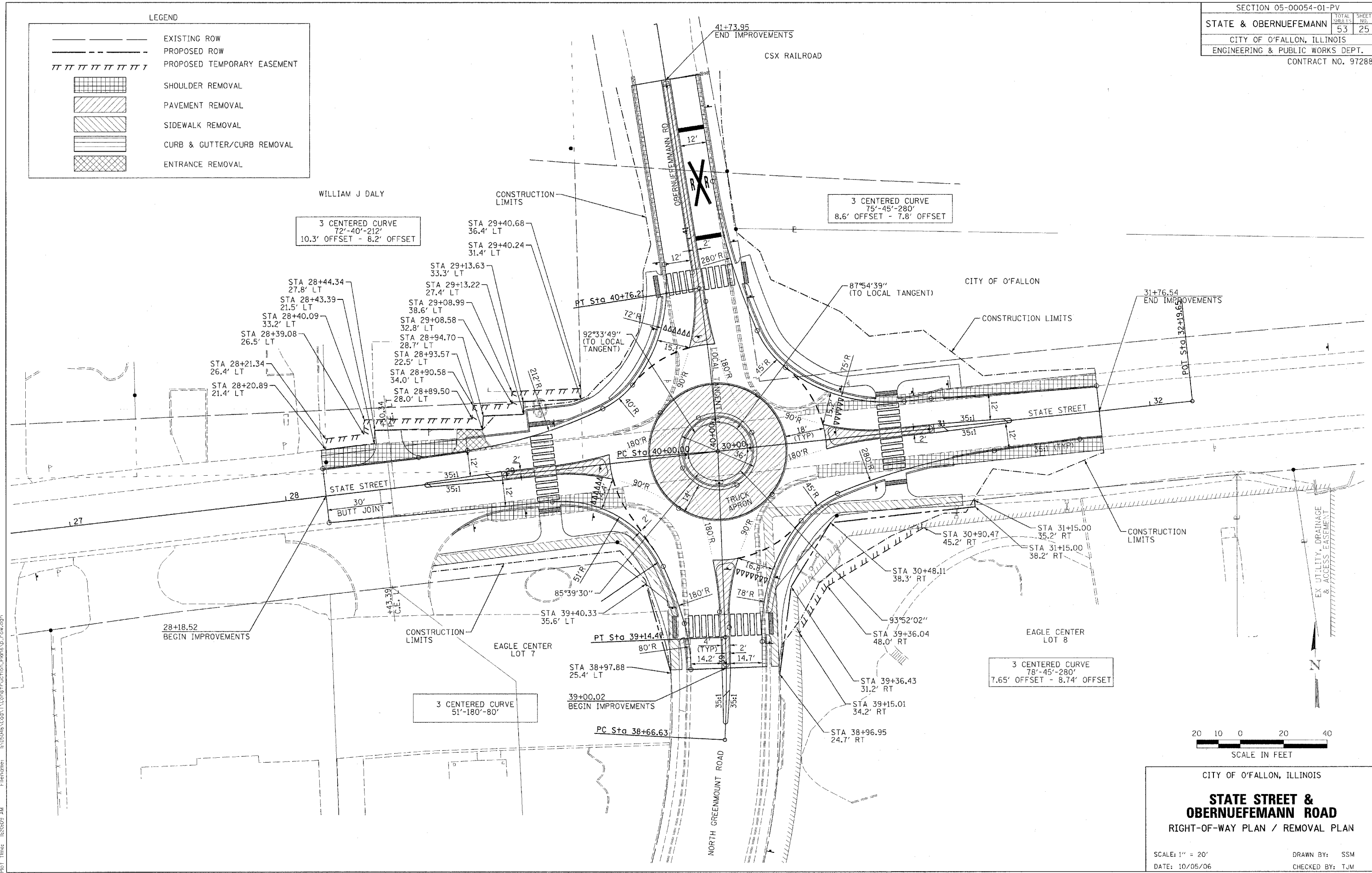
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CITY OF O'FALLON, ILLINOIS	
ENGINEERING & PUBLIC WORKS DEPT.	
CONTRACT NO. 97288	



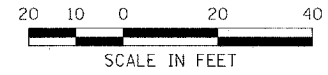
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LEGEND

- EXISTING ROW
- - - PROPOSED ROW
- ||||| PROPOSED TEMPORARY EASEMENT
- ▨ SHOULDER REMOVAL
- ▧ PAVEMENT REMOVAL
- ▩ SIDEWALK REMOVAL
- ▬ CURB & GUTTER/CURB REMOVAL
- ▤ ENTRANCE REMOVAL



Plot Date: 10/27/2006
 Plot Time: 10:00:09 AM
 Plotted By: kendercch
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CITY OF O'FALLON, ILLINOIS

STATE STREET & OBERNUEFEMANN ROAD
 RIGHT-OF-WAY PLAN / REMOVAL PLAN

SCALE: 1" = 20'
 DATE: 10/05/06

DRAWN BY: SSM
 CHECKED BY: TJM

RIGHT-OF-WAY AND REMOVAL PLAN

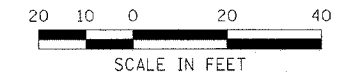
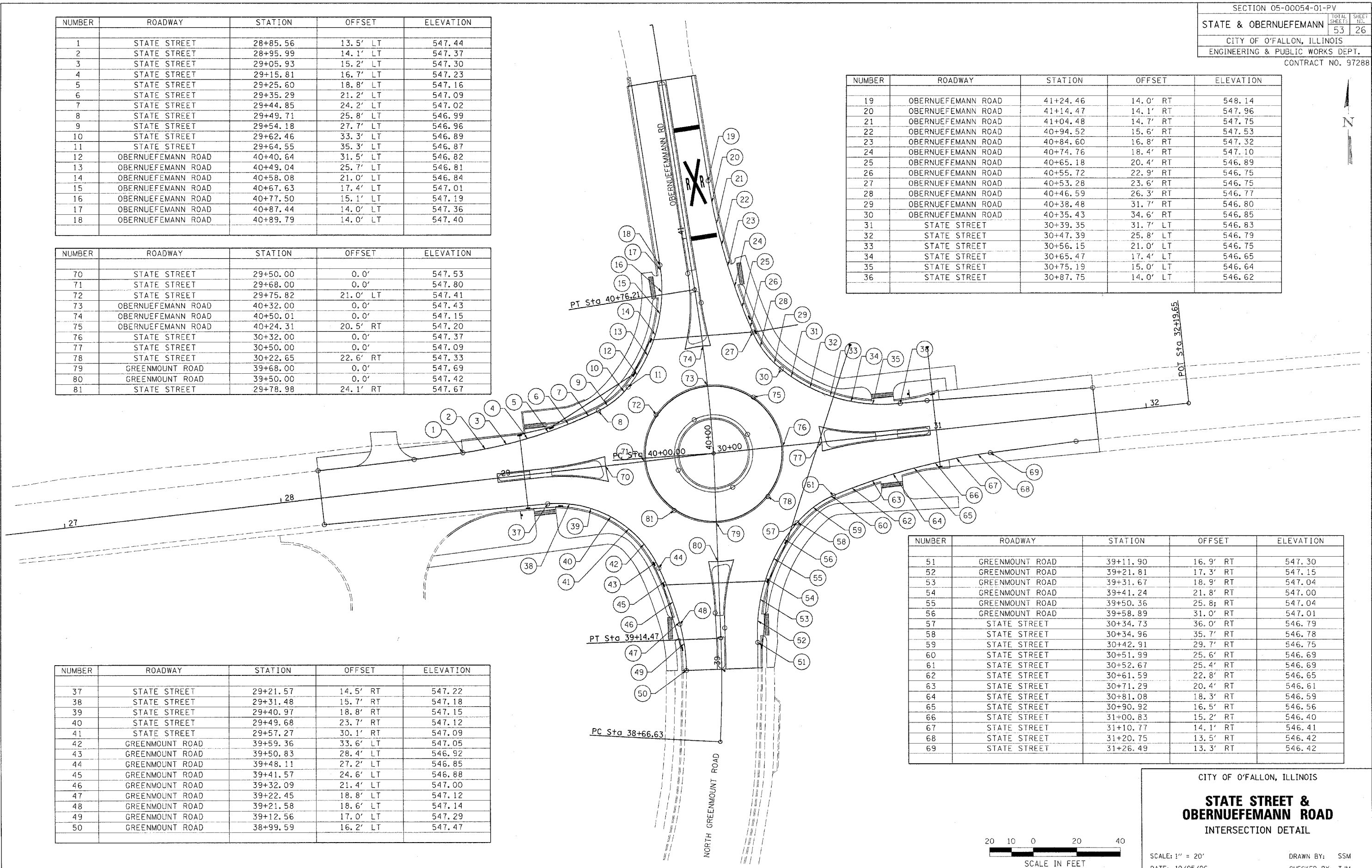
NUMBER	ROADWAY	STATION	OFFSET	ELEVATION
1	STATE STREET	28+85.56	13.5' LT	547.44
2	STATE STREET	28+95.99	14.1' LT	547.37
3	STATE STREET	29+05.93	15.2' LT	547.30
4	STATE STREET	29+15.81	16.7' LT	547.23
5	STATE STREET	29+25.60	18.8' LT	547.16
6	STATE STREET	29+35.29	21.2' LT	547.09
7	STATE STREET	29+44.85	24.2' LT	547.02
8	STATE STREET	29+49.71	25.8' LT	546.99
9	STATE STREET	29+54.18	27.7' LT	546.96
10	STATE STREET	29+62.46	33.3' LT	546.89
11	STATE STREET	29+64.55	35.3' LT	546.87
12	OBERNUEFEMANN ROAD	40+40.64	31.5' LT	546.82
13	OBERNUEFEMANN ROAD	40+49.04	25.7' LT	546.81
14	OBERNUEFEMANN ROAD	40+58.08	21.0' LT	546.84
15	OBERNUEFEMANN ROAD	40+67.63	17.4' LT	547.01
16	OBERNUEFEMANN ROAD	40+77.50	15.1' LT	547.19
17	OBERNUEFEMANN ROAD	40+87.44	14.0' LT	547.36
18	OBERNUEFEMANN ROAD	40+89.79	14.0' LT	547.40

NUMBER	ROADWAY	STATION	OFFSET	ELEVATION
70	STATE STREET	29+50.00	0.0'	547.53
71	STATE STREET	29+68.00	0.0'	547.80
72	STATE STREET	29+75.82	21.0' LT	547.41
73	OBERNUEFEMANN ROAD	40+32.00	0.0'	547.43
74	OBERNUEFEMANN ROAD	40+50.01	0.0'	547.15
75	OBERNUEFEMANN ROAD	40+24.31	20.5' RT	547.20
76	STATE STREET	30+32.00	0.0'	547.37
77	STATE STREET	30+50.00	0.0'	547.09
78	STATE STREET	30+22.65	22.6' RT	547.33
79	GREENMOUNT ROAD	39+68.00	0.0'	547.69
80	GREENMOUNT ROAD	39+50.00	0.0'	547.42
81	STATE STREET	29+78.98	24.1' RT	547.67

NUMBER	ROADWAY	STATION	OFFSET	ELEVATION
19	OBERNUEFEMANN ROAD	41+24.46	14.0' RT	548.14
20	OBERNUEFEMANN ROAD	41+14.47	14.1' RT	547.96
21	OBERNUEFEMANN ROAD	41+04.48	14.7' RT	547.75
22	OBERNUEFEMANN ROAD	40+94.52	15.6' RT	547.53
23	OBERNUEFEMANN ROAD	40+84.60	16.8' RT	547.32
24	OBERNUEFEMANN ROAD	40+74.76	18.4' RT	547.10
25	OBERNUEFEMANN ROAD	40+65.18	20.4' RT	546.89
26	OBERNUEFEMANN ROAD	40+55.72	22.9' RT	546.75
27	OBERNUEFEMANN ROAD	40+53.28	23.6' RT	546.75
28	OBERNUEFEMANN ROAD	40+46.59	26.3' RT	546.77
29	OBERNUEFEMANN ROAD	40+38.48	31.7' RT	546.80
30	OBERNUEFEMANN ROAD	40+35.43	34.6' RT	546.85
31	STATE STREET	30+39.35	31.7' LT	546.83
32	STATE STREET	30+47.39	25.8' LT	546.79
33	STATE STREET	30+56.15	21.0' LT	546.75
34	STATE STREET	30+65.47	17.4' LT	546.65
35	STATE STREET	30+75.19	15.0' LT	546.64
36	STATE STREET	30+87.75	14.0' LT	546.62

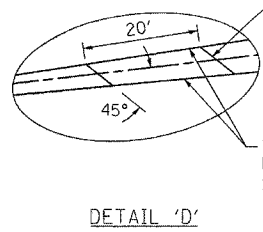
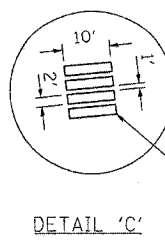
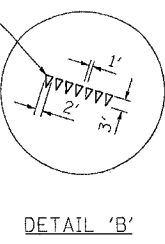
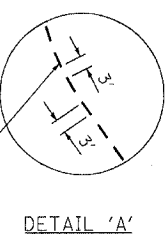
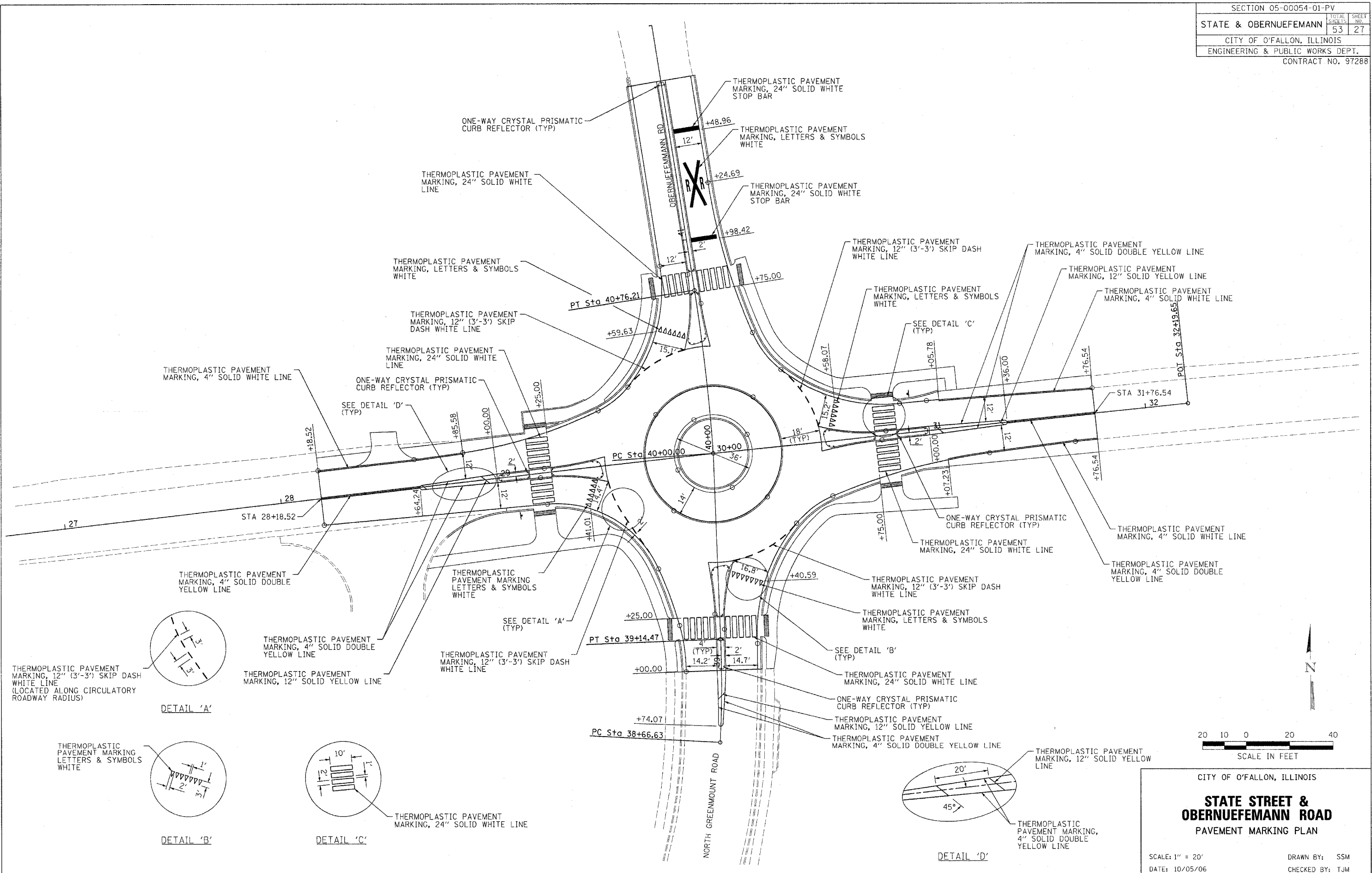
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52	GREENMOUNT ROAD	39+21.81	17.3' RT	547.15
53	GREENMOUNT ROAD	39+31.67	18.9' RT	547.04
54	GREENMOUNT ROAD	39+41.24	21.8' RT	547.00
55	GREENMOUNT ROAD	39+50.36	25.8' RT	547.04
56	GREENMOUNT ROAD	39+58.89	31.0' RT	547.01
57	STATE STREET	30+34.73	36.0' RT	546.79
58	STATE STREET	30+34.96	35.7' RT	546.78
59	STATE STREET	30+42.91	29.7' RT	546.75
60	STATE STREET	30+51.99	25.6' RT	546.69
61	STATE STREET	30+52.67	25.4' RT	546.69
62	STATE STREET	30+61.59	22.8' RT	546.65
63	STATE STREET	30+71.29	20.4' RT	546.61
64	STATE STREET	30+81.08	18.3' RT	546.59
65	STATE STREET	30+90.92	16.5' RT	546.56
66	STATE STREET	31+00.83	15.2' RT	546.40
67	STATE STREET	31+10.77	14.1' RT	546.41
68	STATE STREET	31+20.75	13.5' RT	546.42
69	STATE STREET	31+26.49	13.3' RT	546.42

NUMBER	ROADWAY	STATION	OFFSET	ELEVATION
37	STATE STREET	29+21.57	14.5' RT	547.22
38	STATE STREET	29+31.48	15.7' RT	547.18
39	STATE STREET	29+40.97	18.8' RT	547.15
40	STATE STREET	29+49.68	23.7' RT	547.12
41	STATE STREET	29+57.27	30.1' RT	547.09
42	GREENMOUNT ROAD	39+59.36	33.6' LT	547.05
43	GREENMOUNT ROAD	39+50.83	28.4' LT	546.92
44	GREENMOUNT ROAD	39+48.11	27.2' LT	546.85
45	GREENMOUNT ROAD	39+41.57	24.6' LT	546.88
46	GREENMOUNT ROAD	39+32.09	21.4' LT	547.00
47	GREENMOUNT ROAD	39+22.45	18.8' LT	547.12
48	GREENMOUNT ROAD	39+21.58	18.6' LT	547.14
49	GREENMOUNT ROAD	39+12.56	17.0' LT	547.29
50	GREENMOUNT ROAD	38+99.59	16.2' LT	547.47

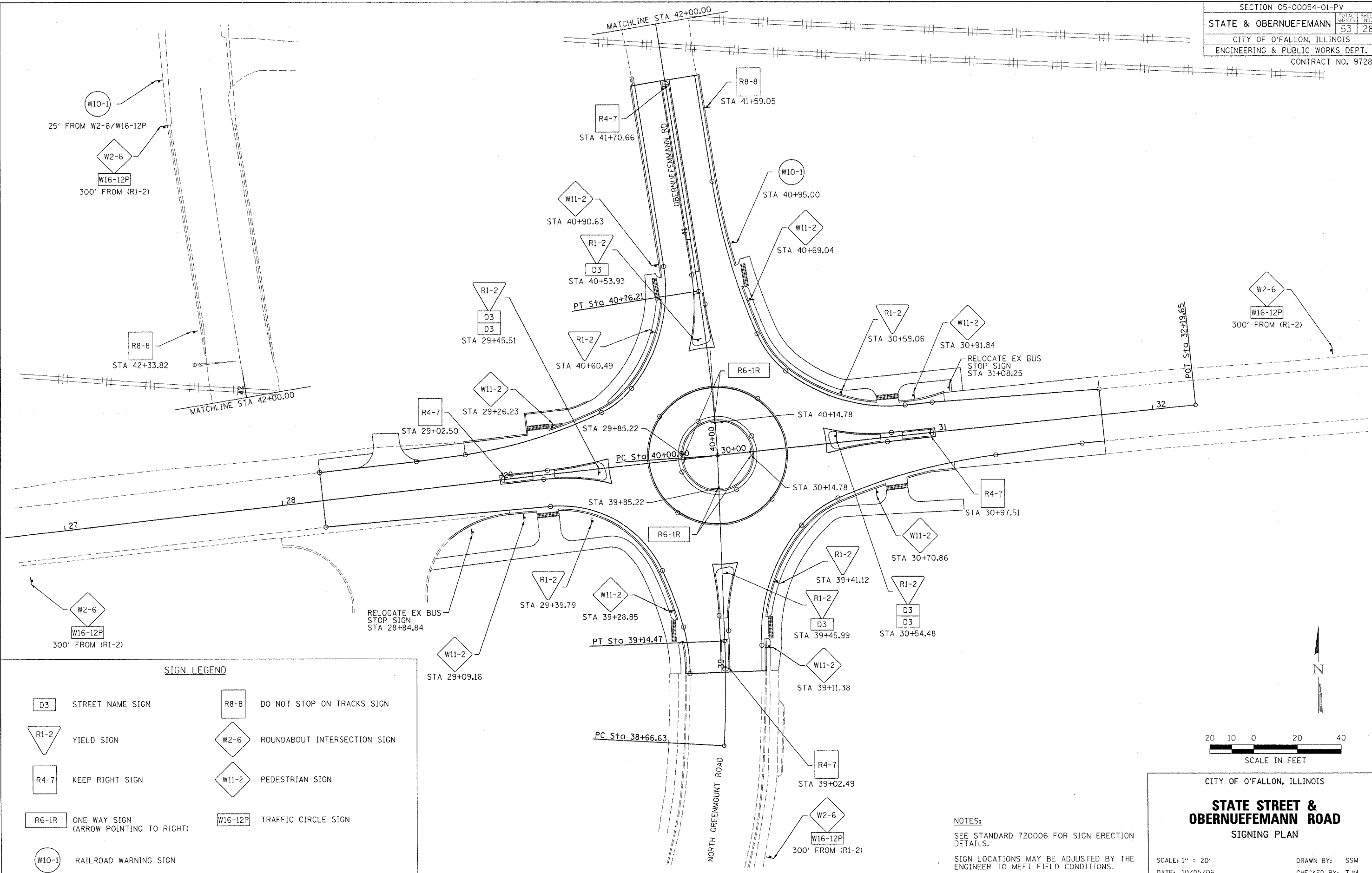


CITY OF O'FALLON, ILLINOIS
STATE STREET & OBERNUEFEMANN ROAD
 INTERSECTION DETAIL
 SCALE: 1" = 20'
 DATE: 10/05/06
 DRAWN BY: SSM
 CHECKED BY: TJM










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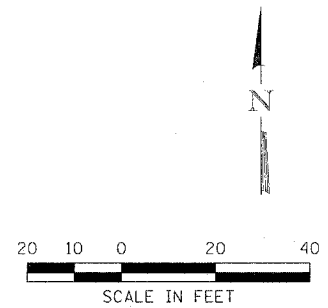


Plot Date: 10/27/2006
 Plot Title: 050054-01-PV Construction Plans.dwg
 Plotted By: koldandorph
 File Name: 050054-01-PV Construction Plans.dwg



SIGN LEGEND

 D3	STREET NAME SIGN	 R8-8	DO NOT STOP ON TRACKS SIGN
 R1-2	YIELD SIGN	 W2-6	ROUNDBOUT INTERSECTION SIGN
 R4-7	KEEP RIGHT SIGN	 W11-2	PEDESTRIAN SIGN
 R6-1R	ONE WAY SIGN (ARROW POINTING TO RIGHT)	 W16-12P	TRAFFIC CIRCLE SIGN
 W10-1	RAILROAD WARNING SIGN		



NOTES:
 SEE STANDARD 720006 FOR SIGN ERECTION DETAILS.
 SIGN LOCATIONS MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

CITY OF O'FALLON, ILLINOIS

STATE STREET & OBERNUEFEMANN ROAD
 SIGNING PLAN

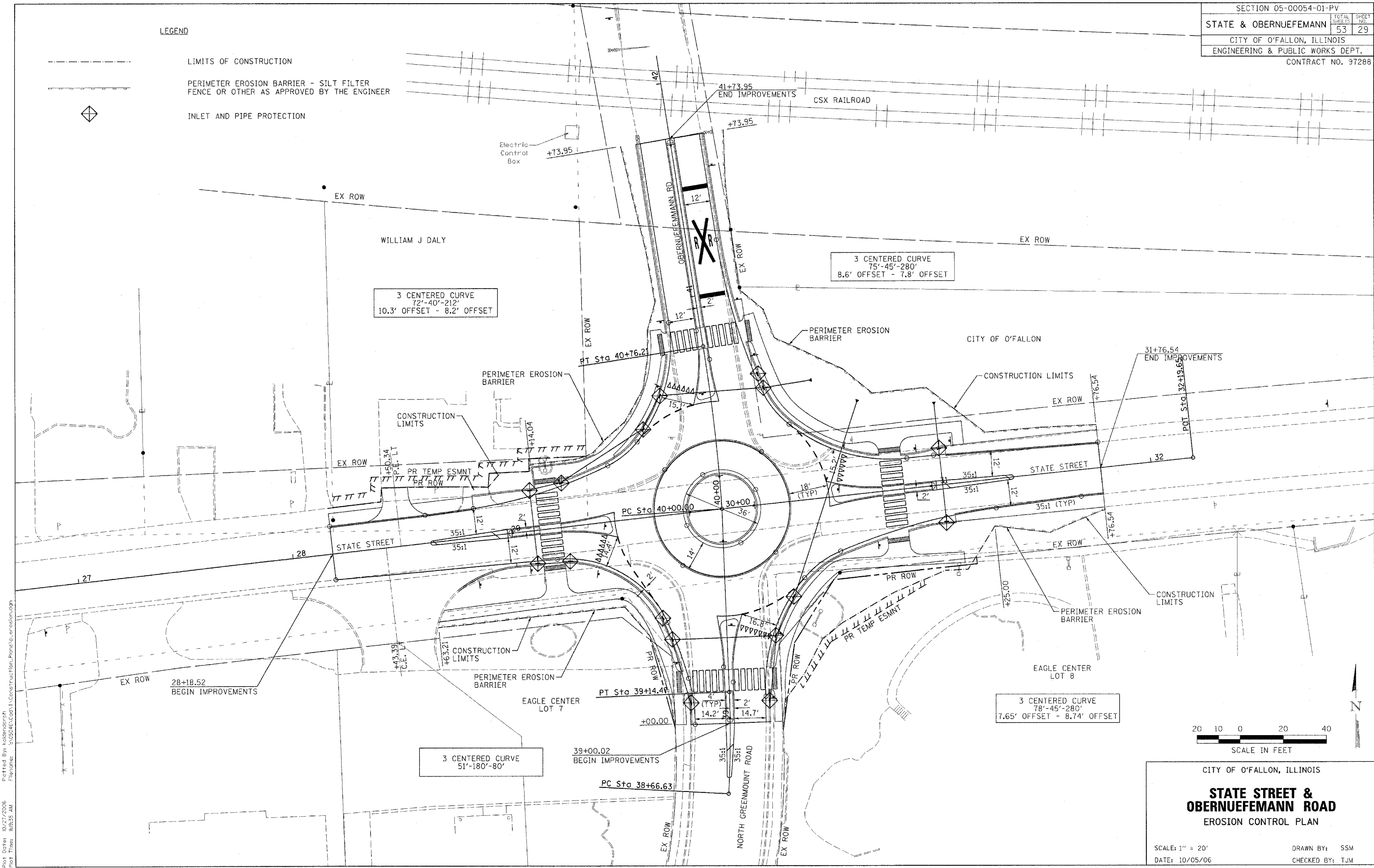
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 DATE: 10/05/06

DRAWN BY: SSM
 CHECKED BY: TJM

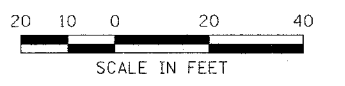
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LEGEND

- LIMITS OF CONSTRUCTION
- - - PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
- ◆ INLET AND PIPE PROTECTION



Plotted By: haldersdwh
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 Plot Time: 10:55 AM

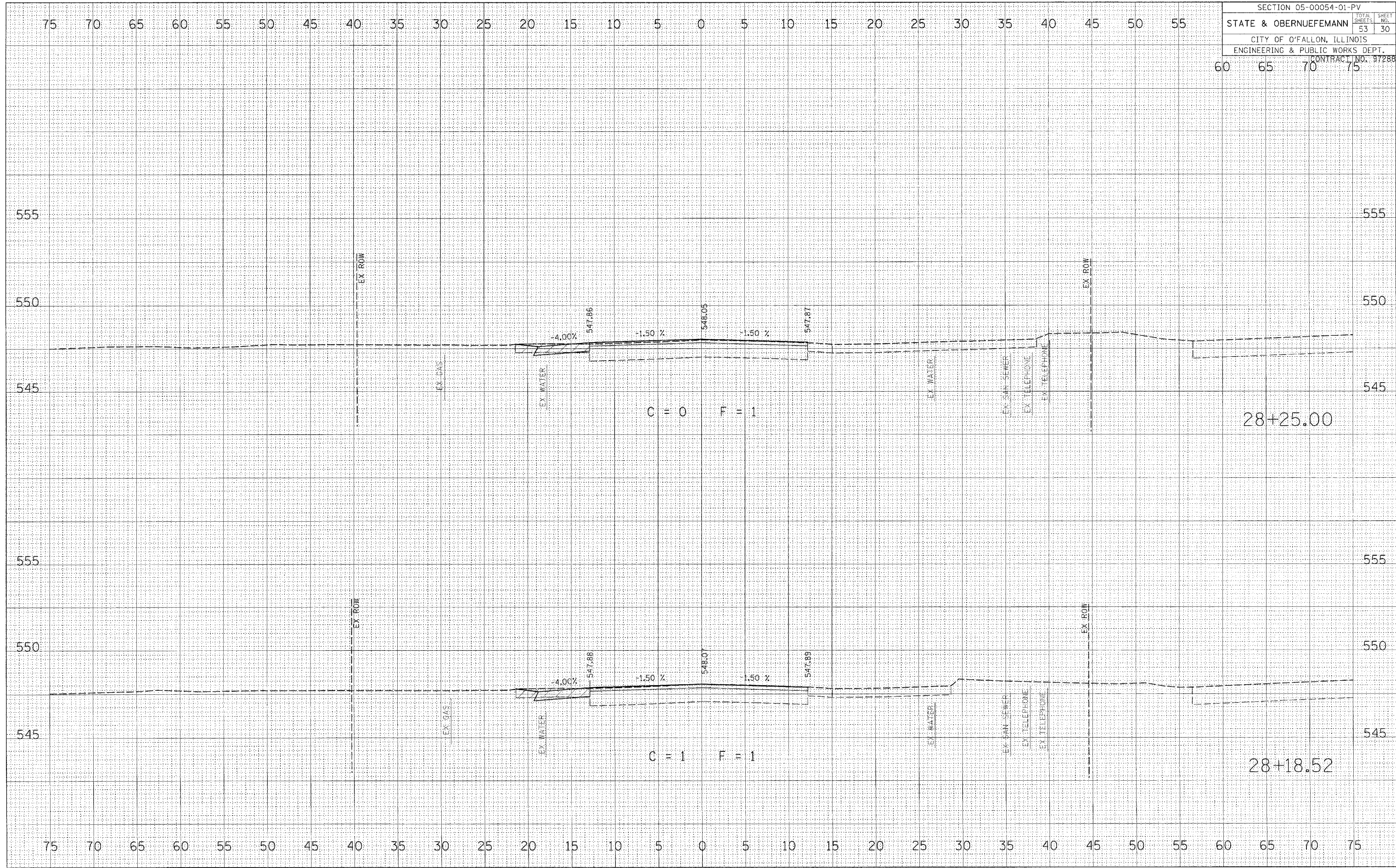


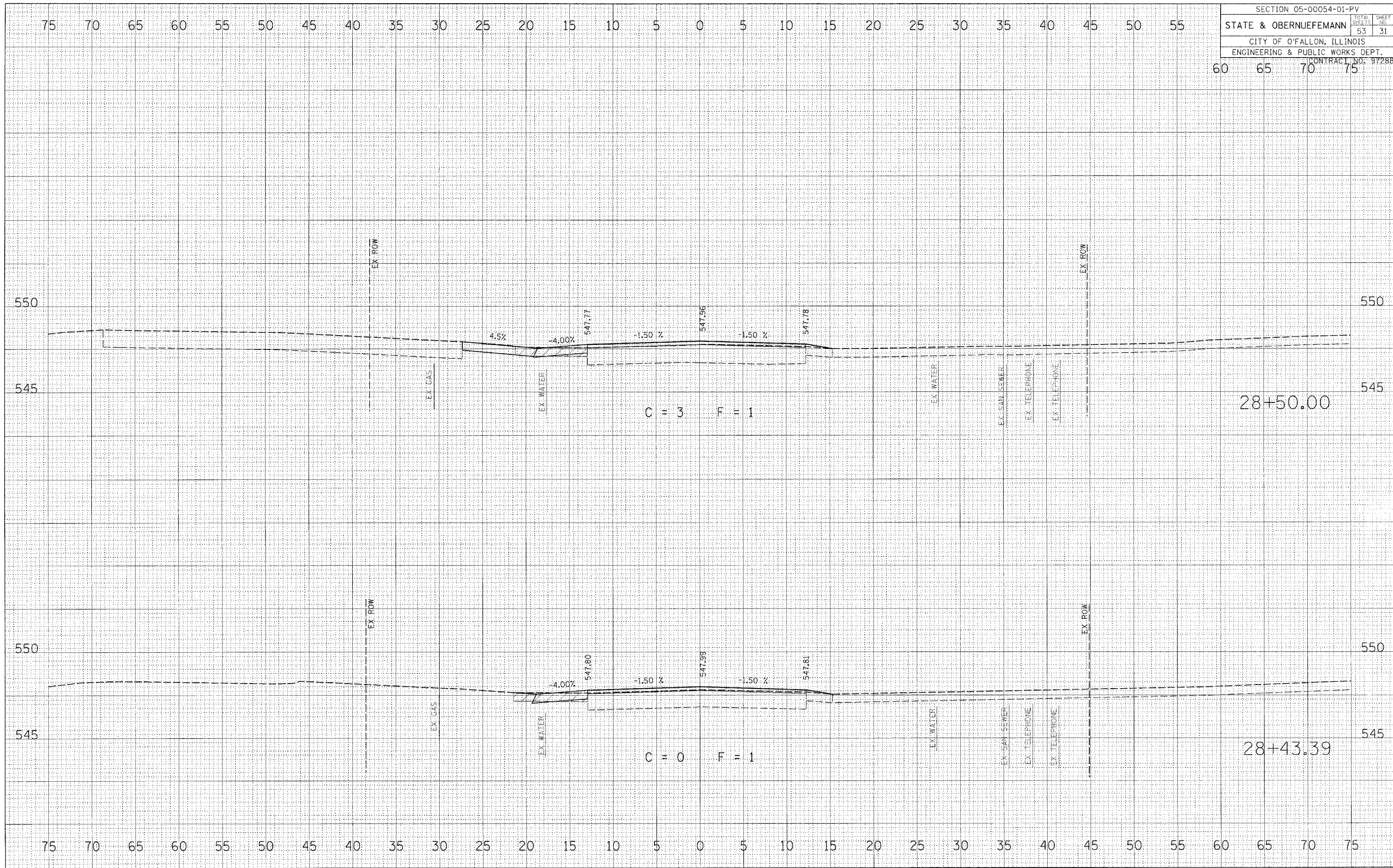
CITY OF O'FALLON, ILLINOIS

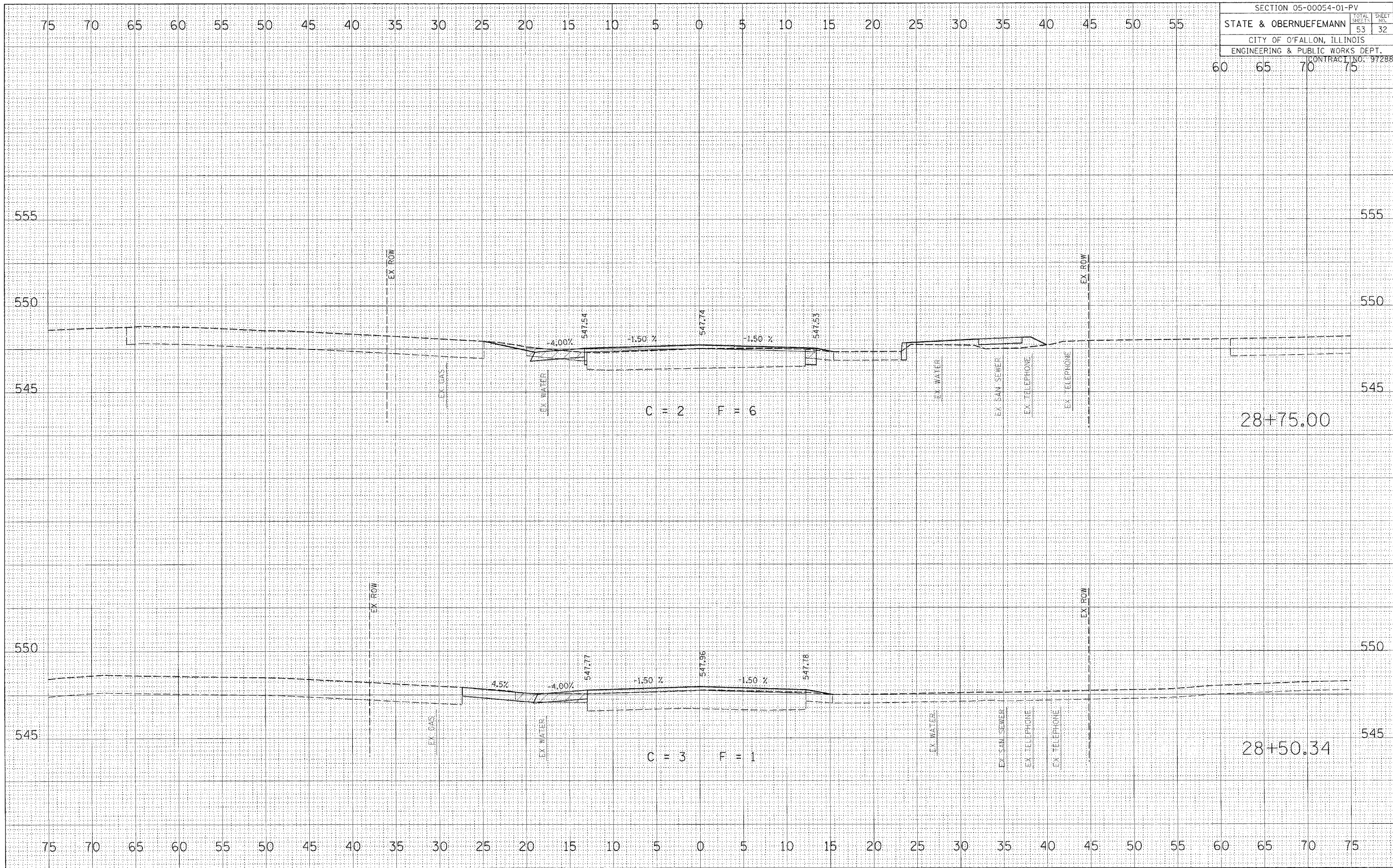
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 EROSION CONTROL PLAN

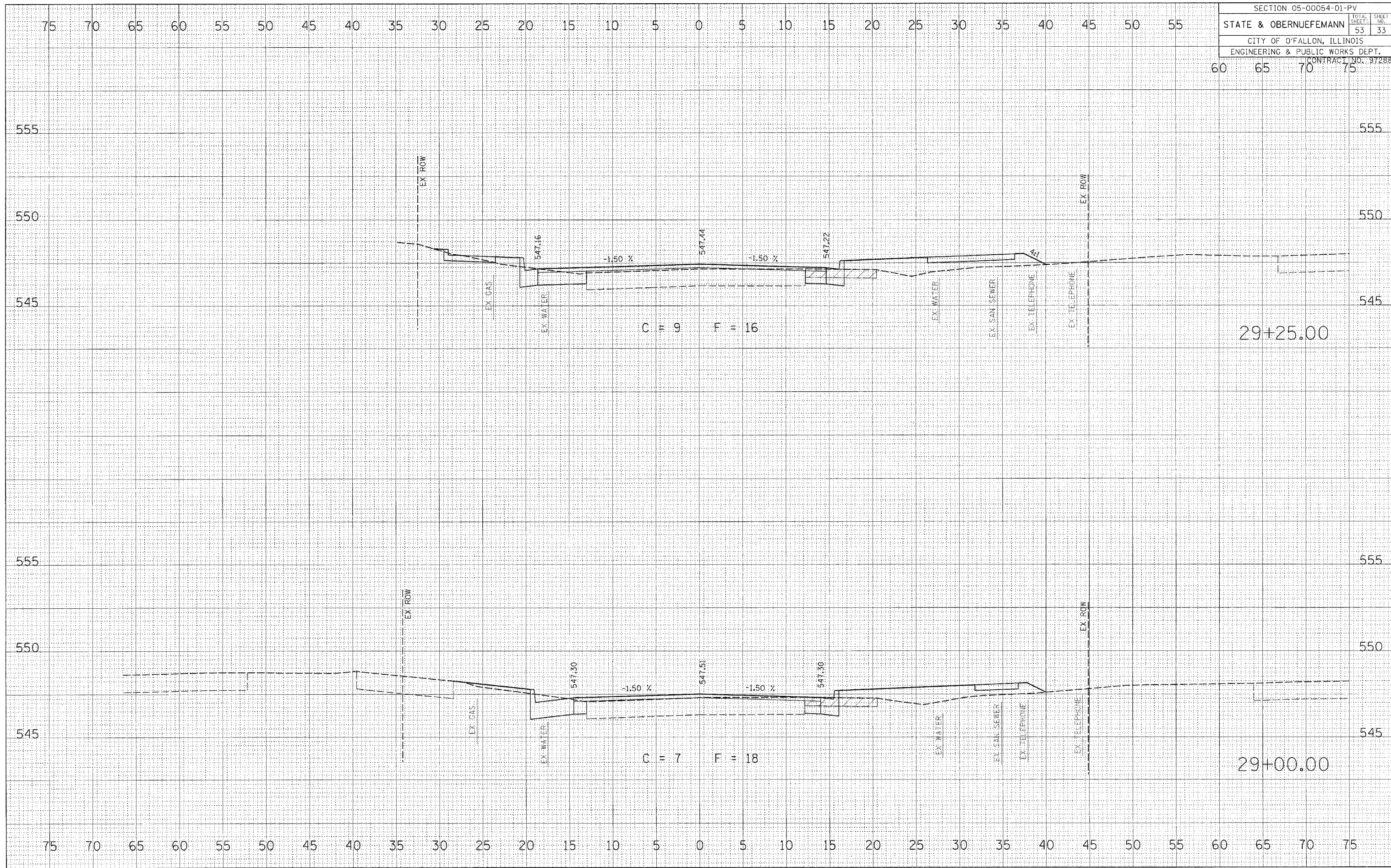
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 DATE: 10/05/06

DRAWN BY: SSM
 CHECKED BY: TJM

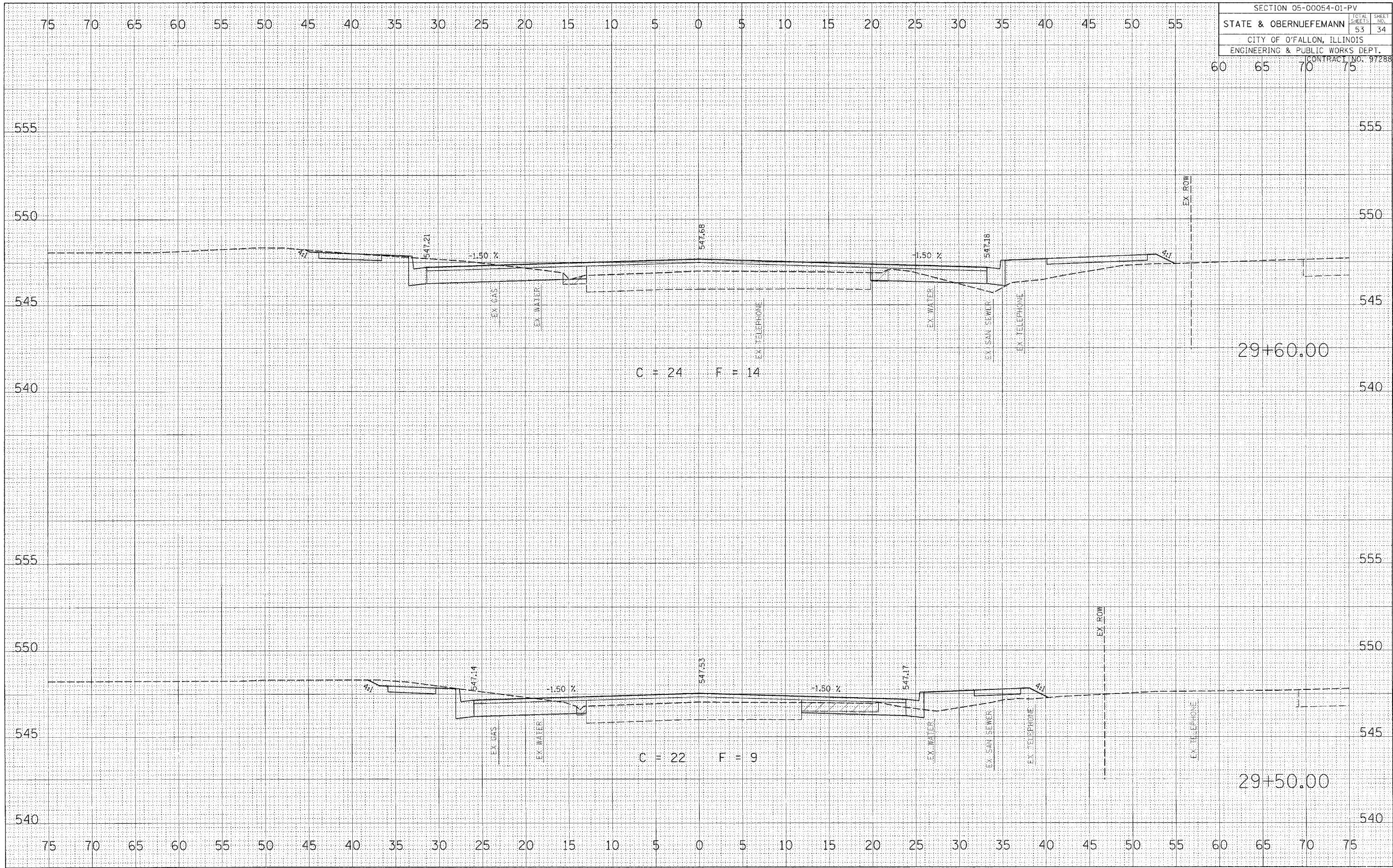




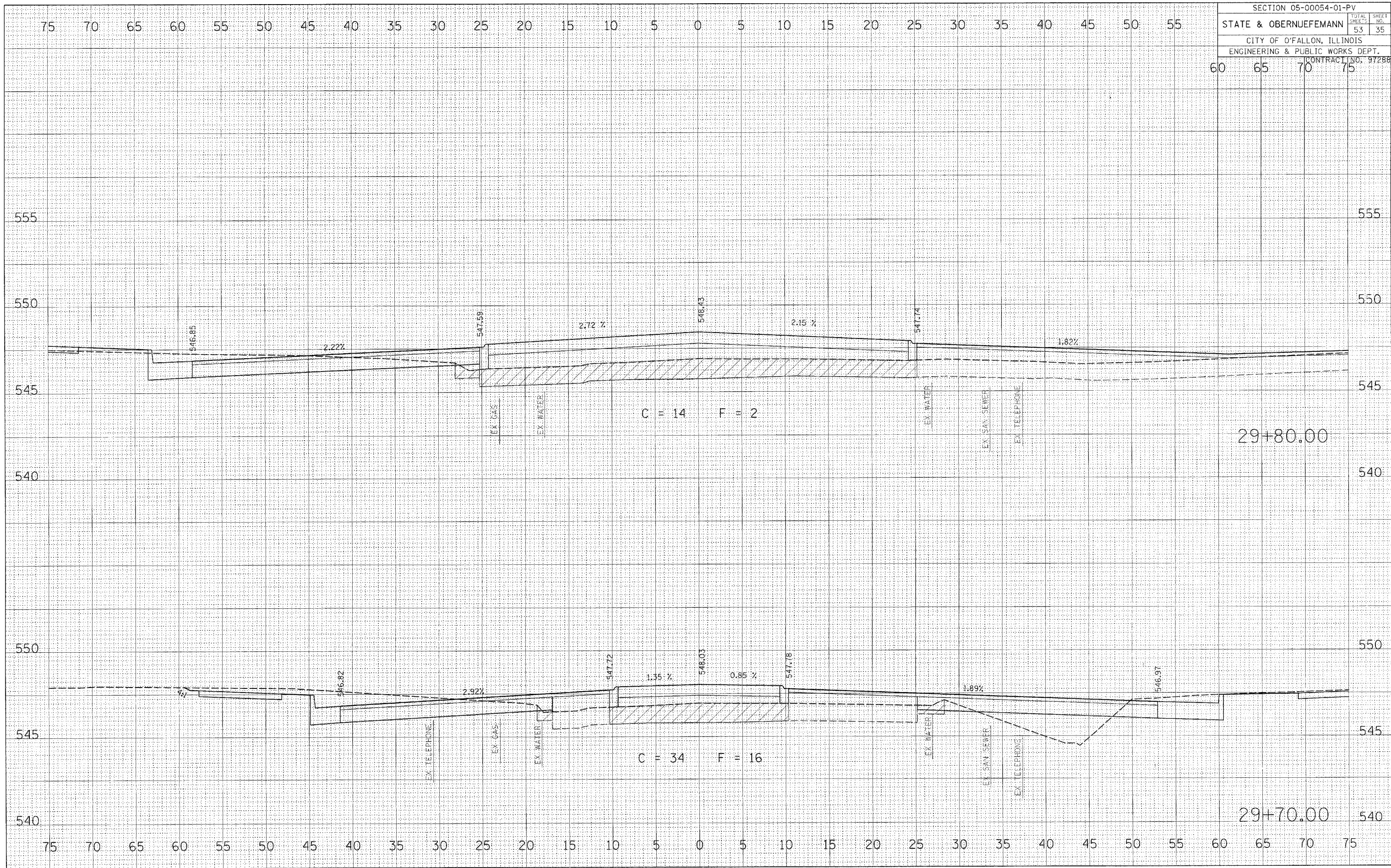




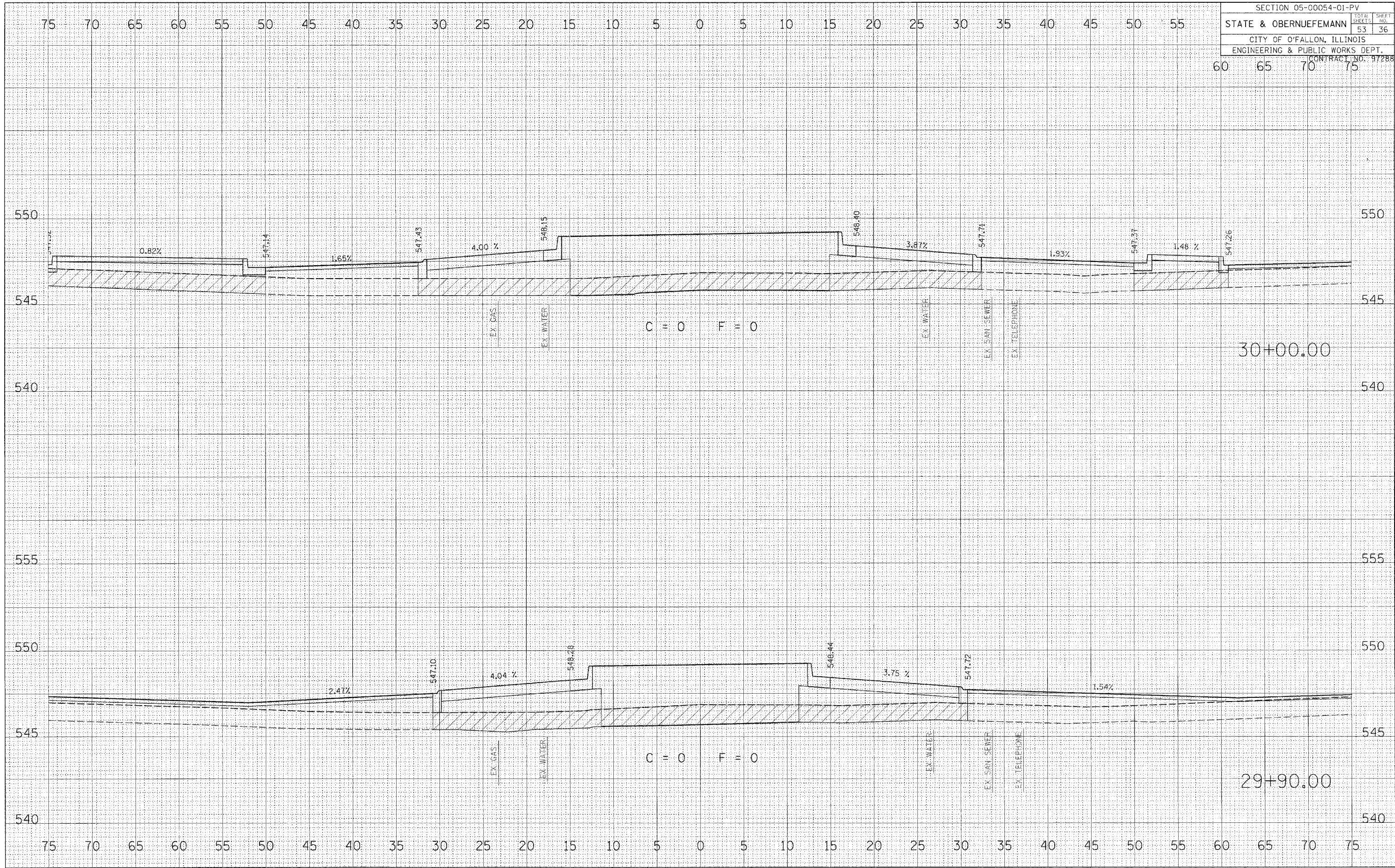
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CITY OF O'FALLON, ILLINOIS	SHEET NO. 34
ENGINEERING & PUBLIC WORKS DEPT.	CONTRACT NO. 97288



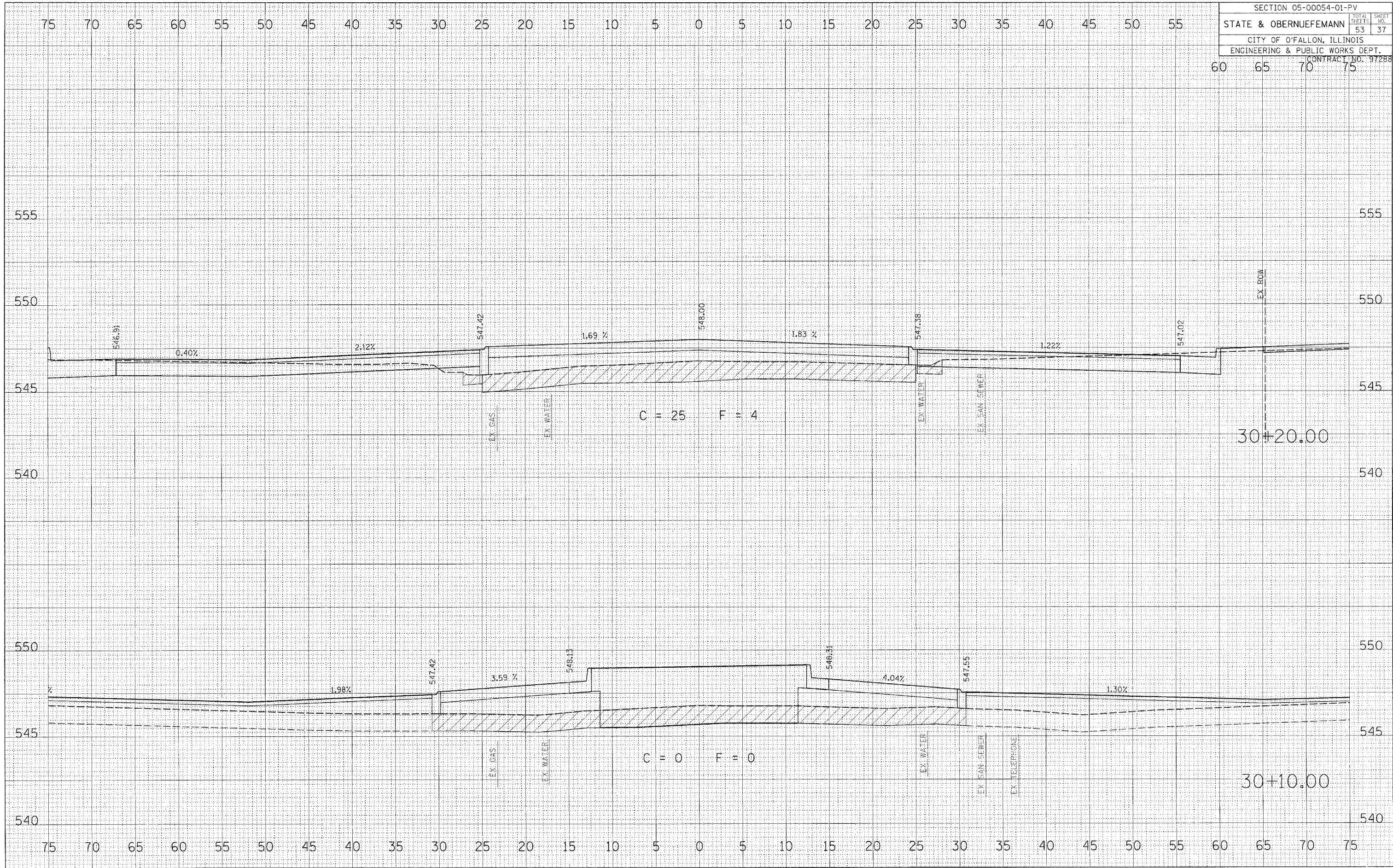
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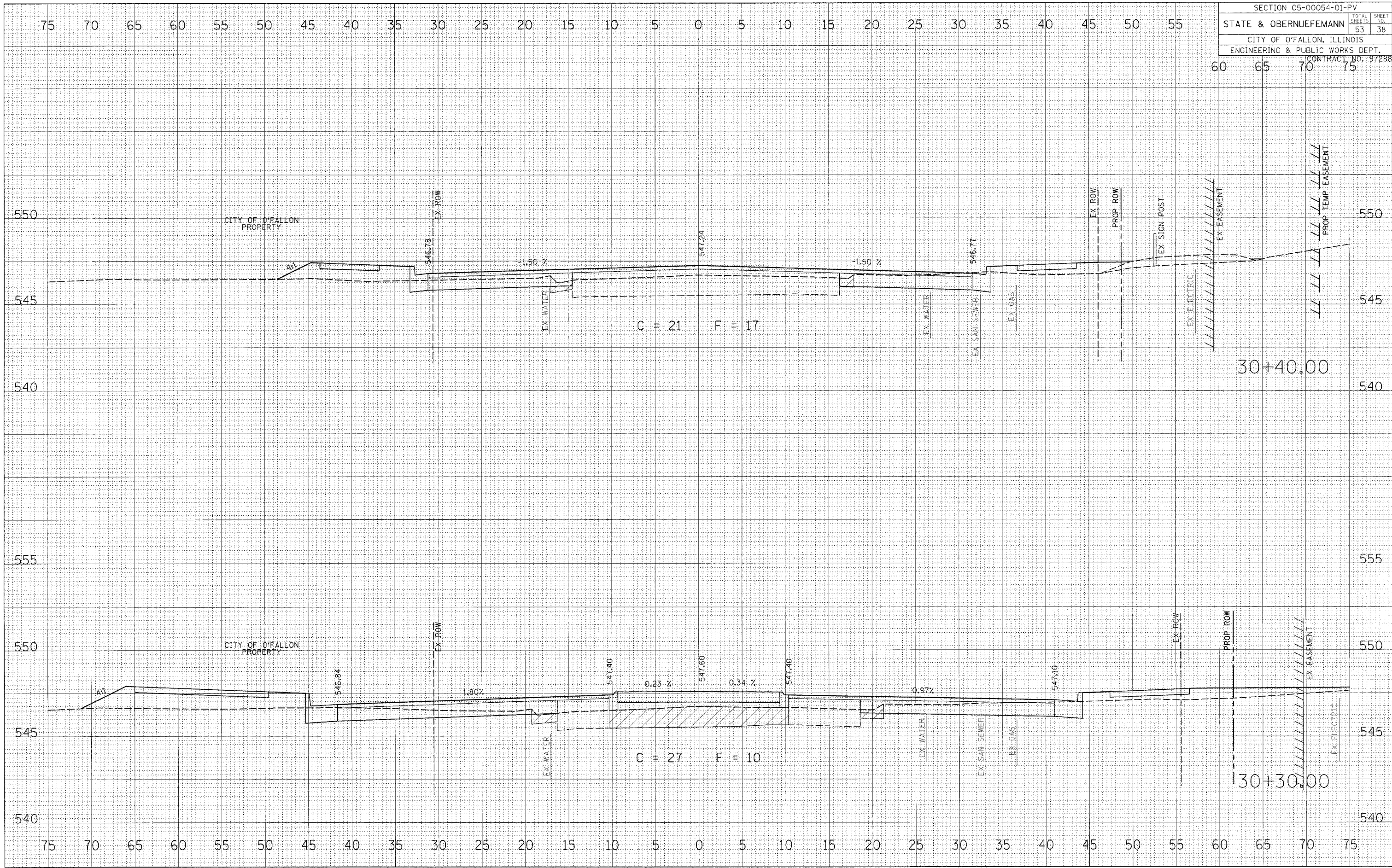
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STATE & OBERNUEFEMANN	TOTAL SHEETS	SHEET NO.
	53	36
CITY OF O'FALLON, ILLINOIS		
ENGINEERING & PUBLIC WORKS DEPT.		
CONTRACT NO. 97288		



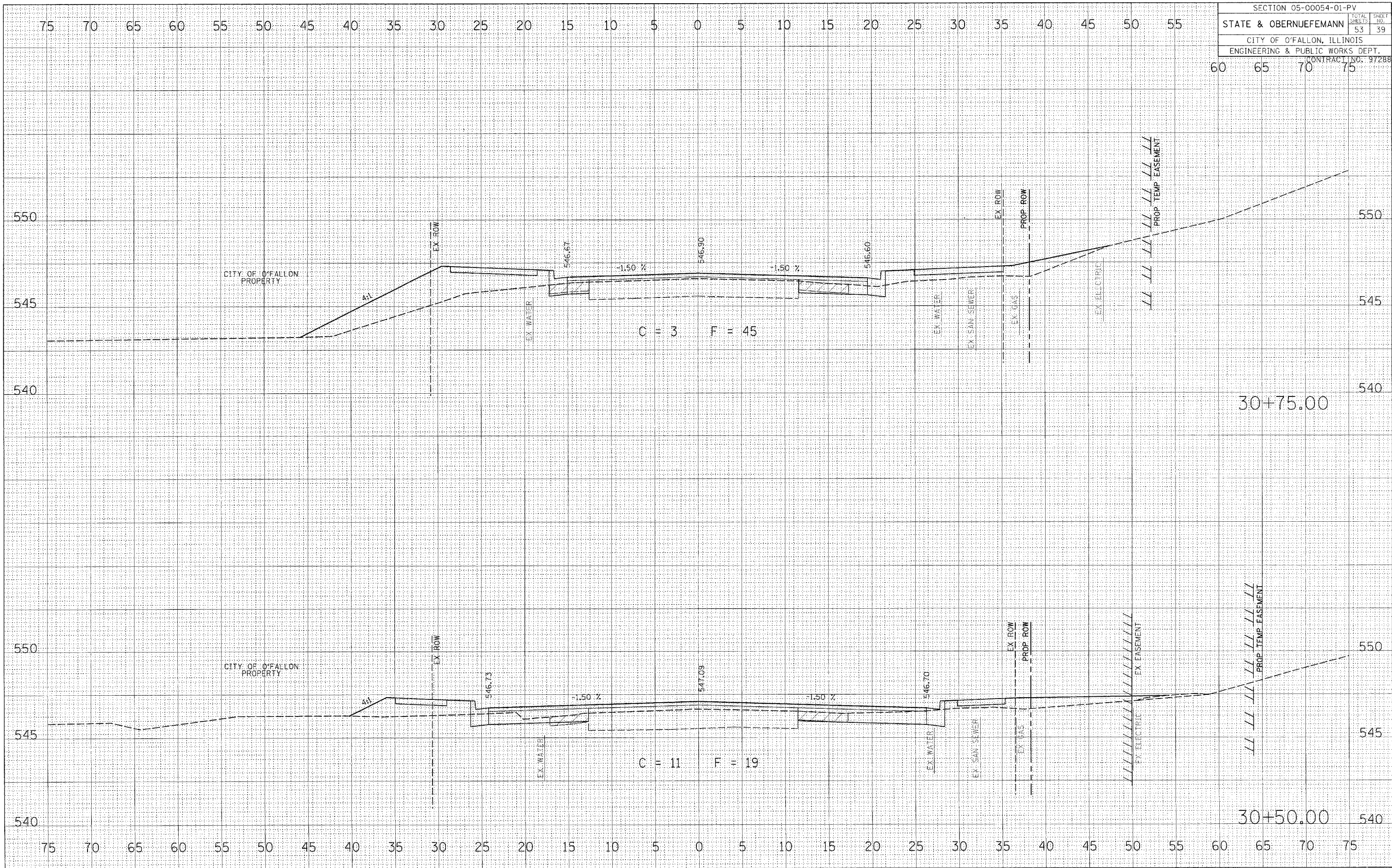
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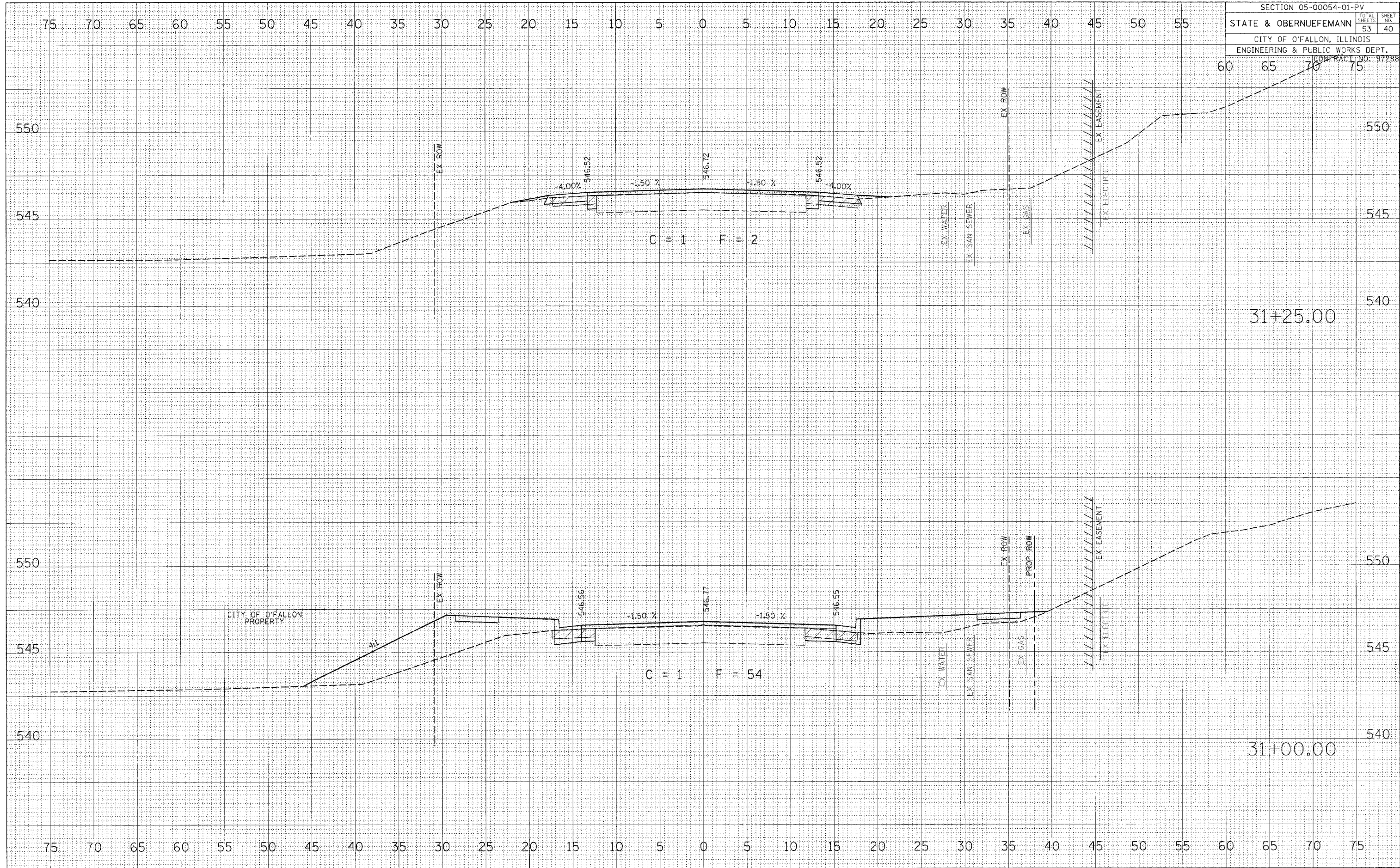


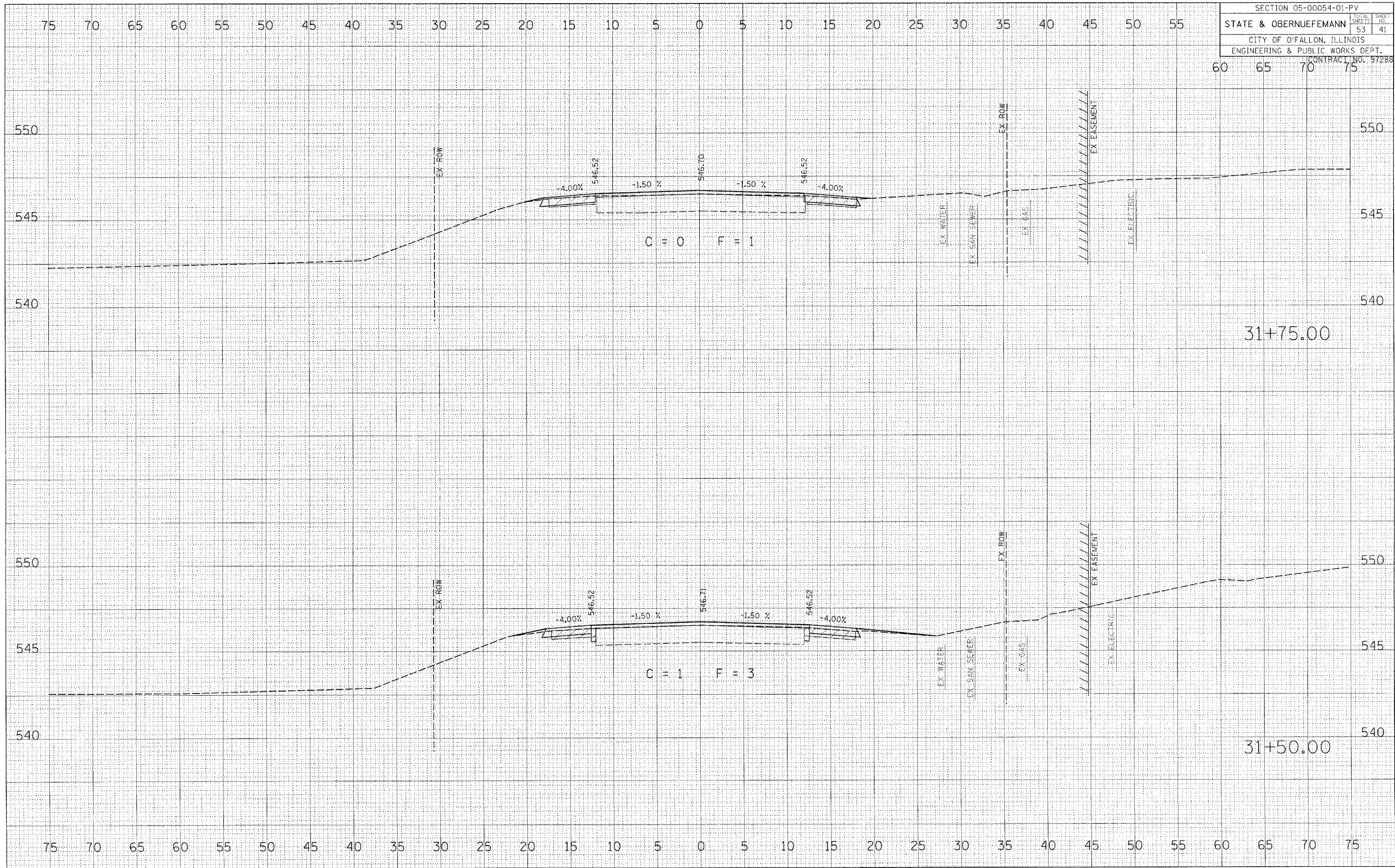
STATE STREET CROSS SECTIONS



STATE STREET CROSS SECTIONS





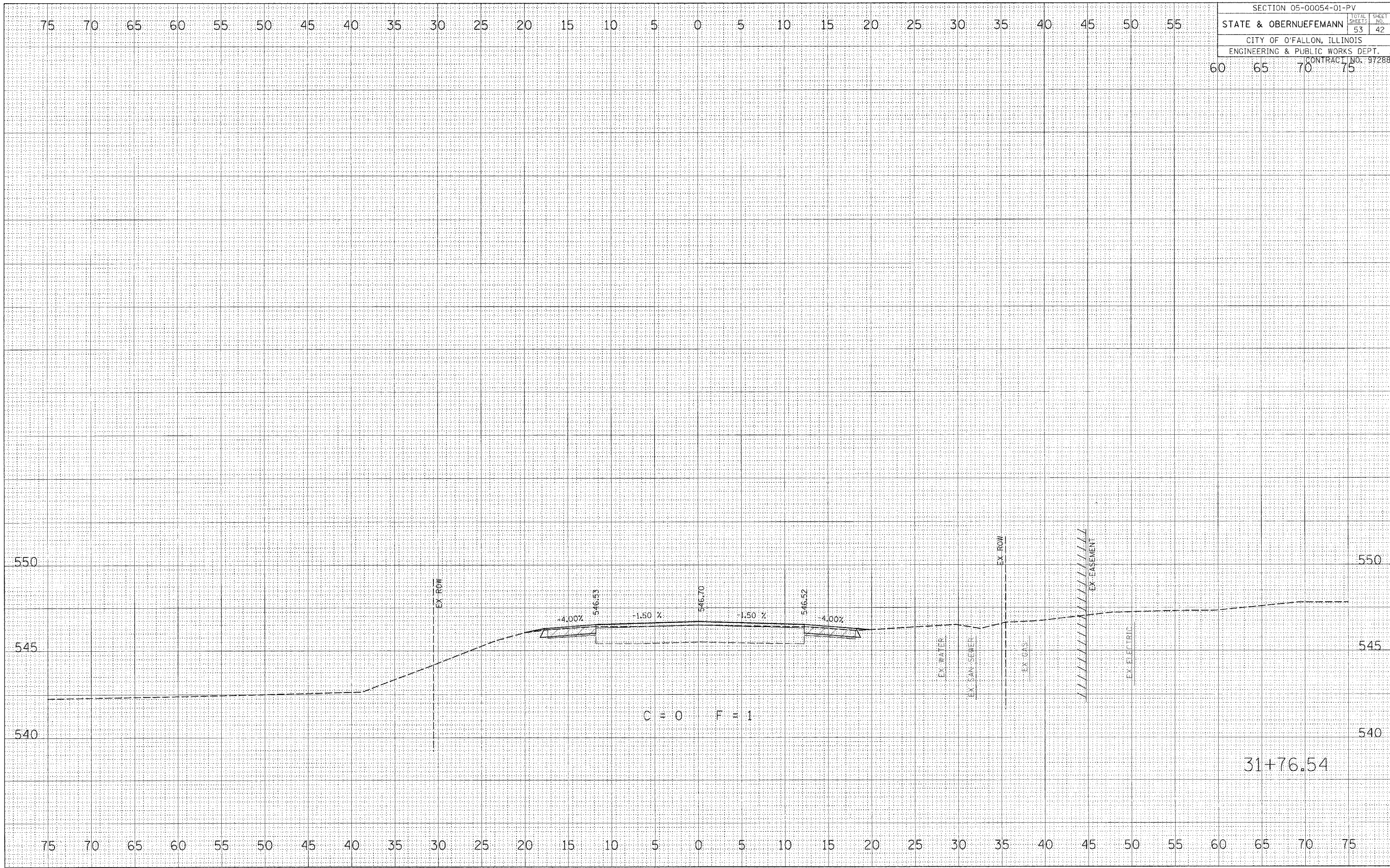


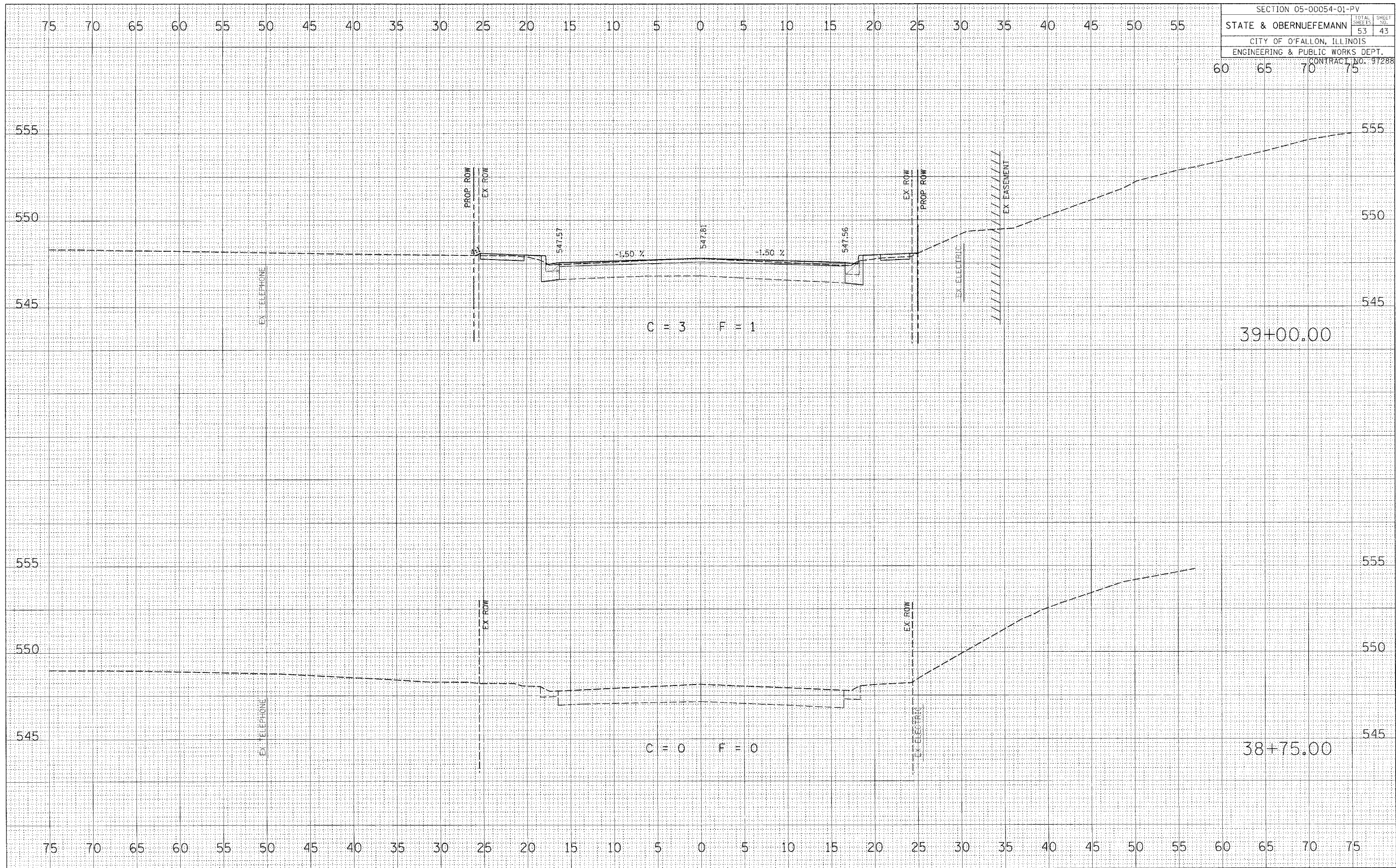
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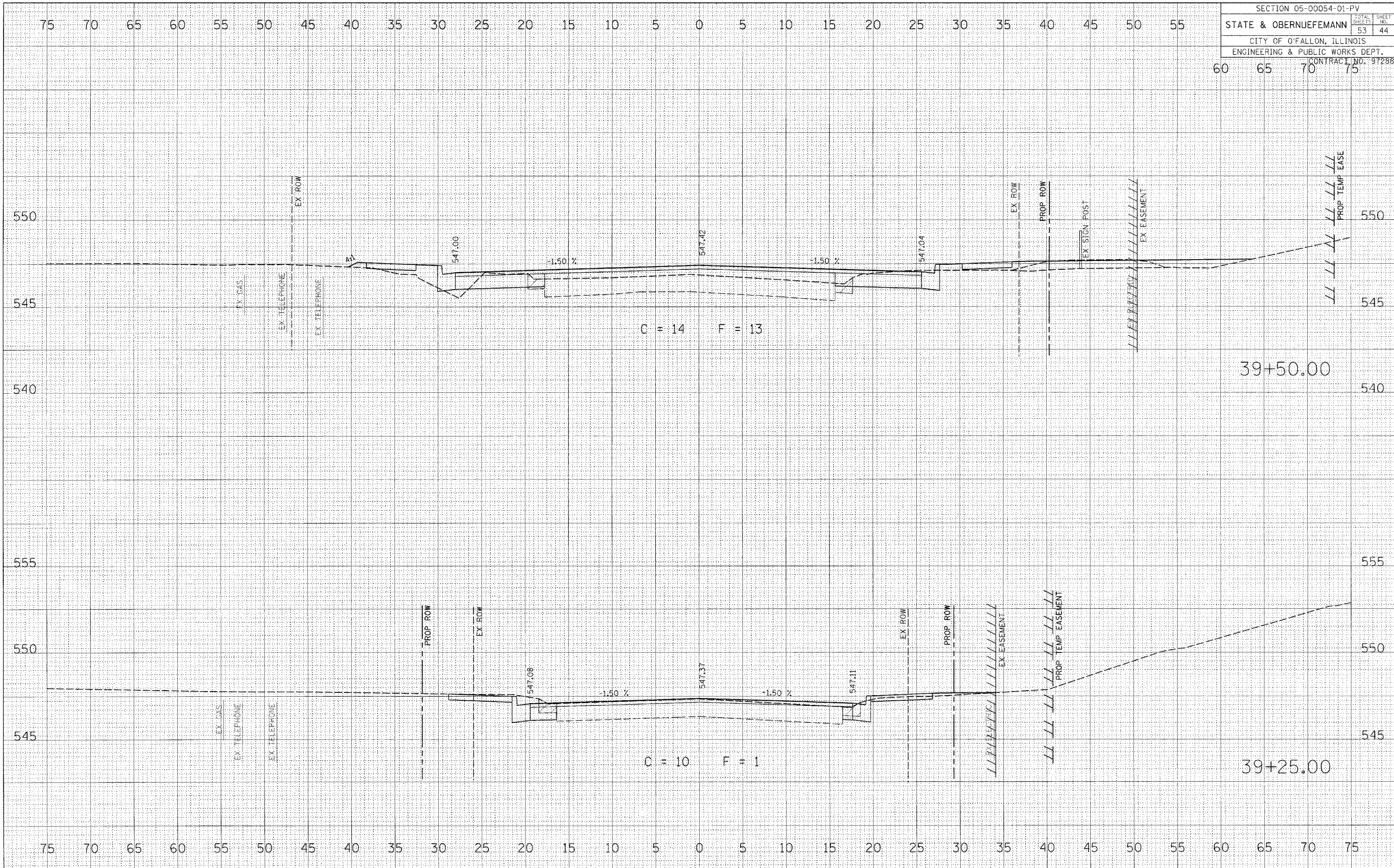
31+75.00

31+50.00



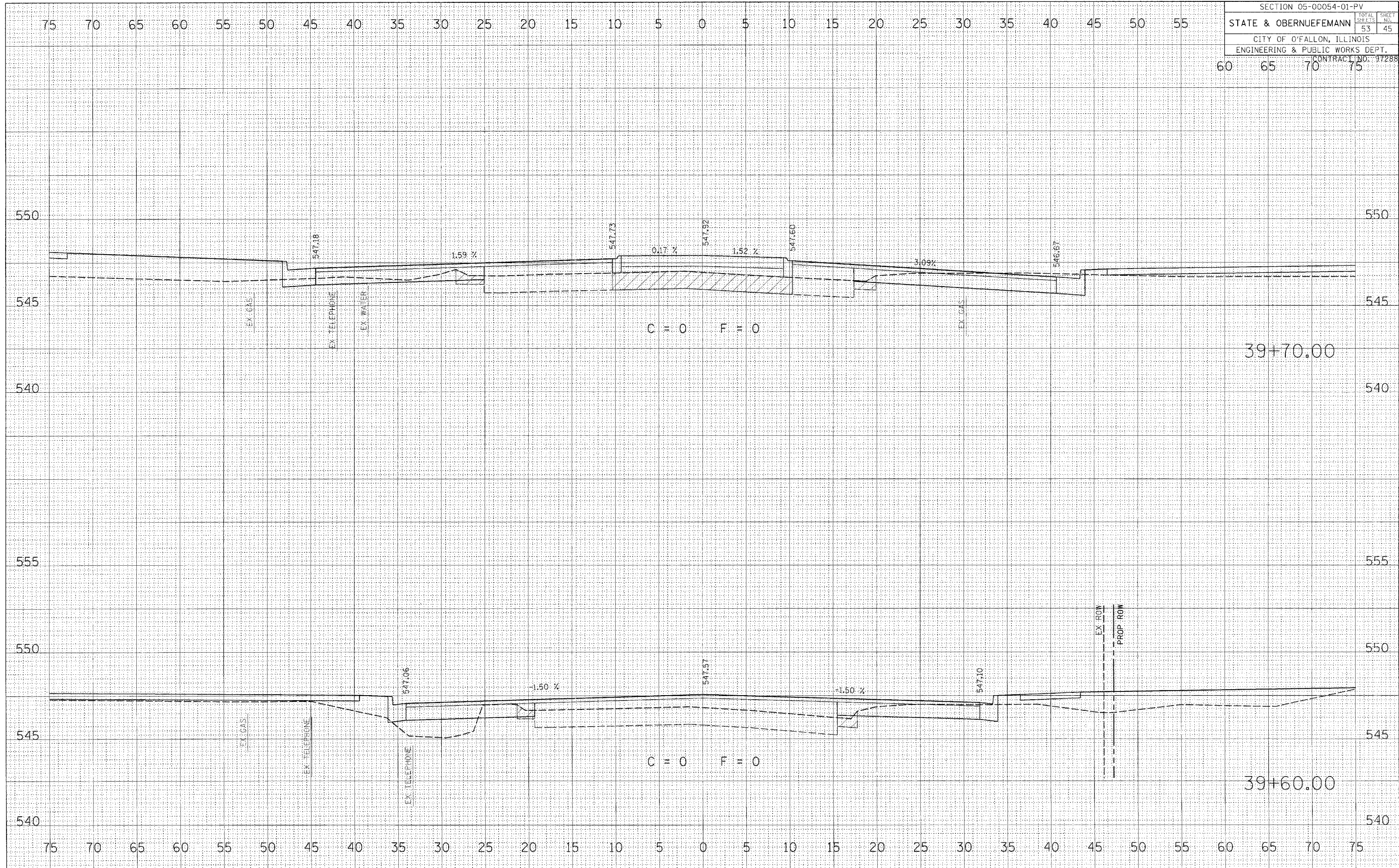


NORTH GREENMOUNT ROAD CROSS SECTIONS

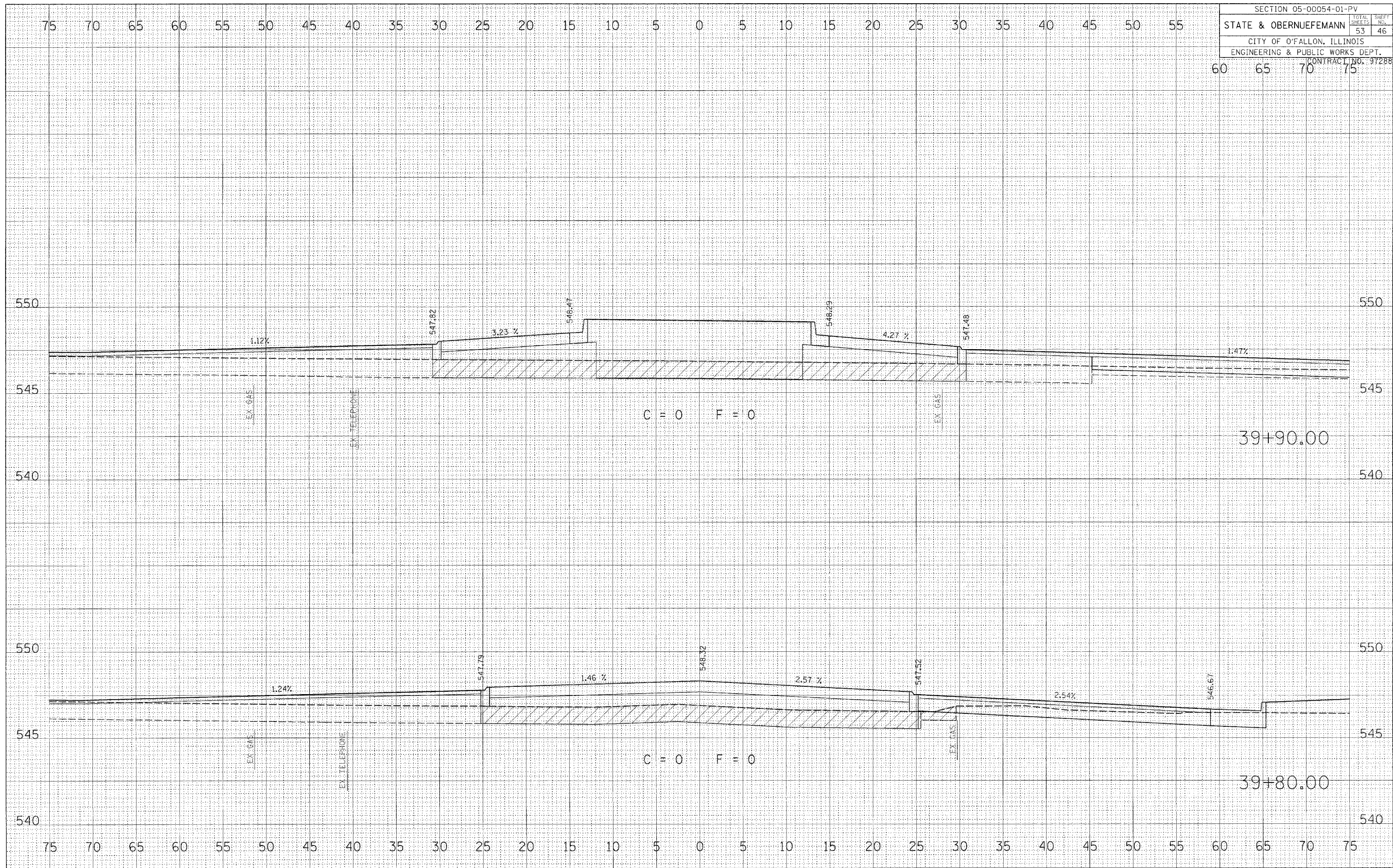


NORTH GREENMOUNT ROAD CROSS SECTIONS

SECTION 05-00054-01-PV	
STATE & OBERNUEFEMANN	TOTAL SHEETS 53 SHEET NO. 45
CITY OF O'FALLON, ILLINOIS	
ENGINEERING & PUBLIC WORKS DEPT.	
CONTRACT NO. 97288	

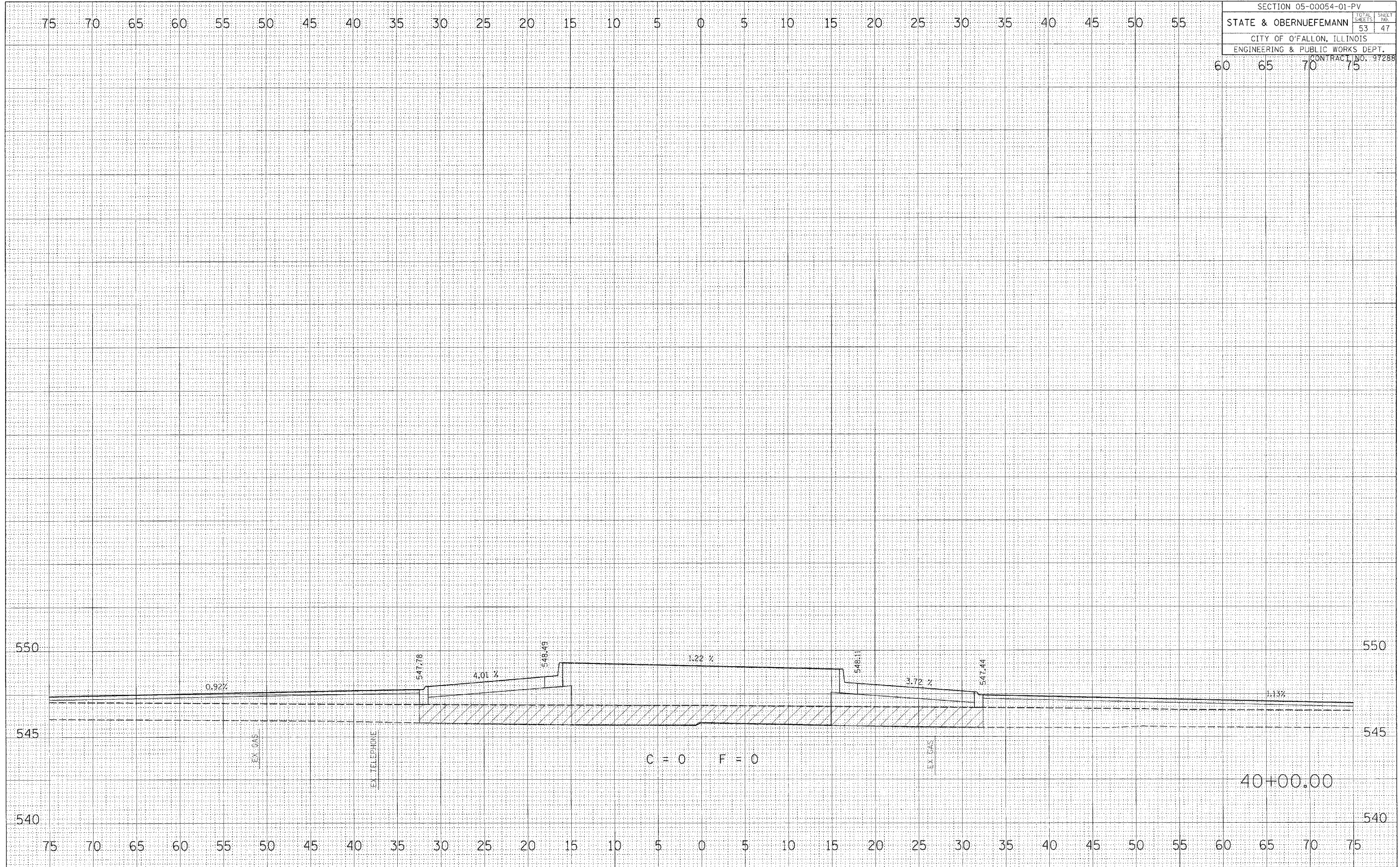


NORTH GREENMOUNT ROAD CROSS SECTIONS

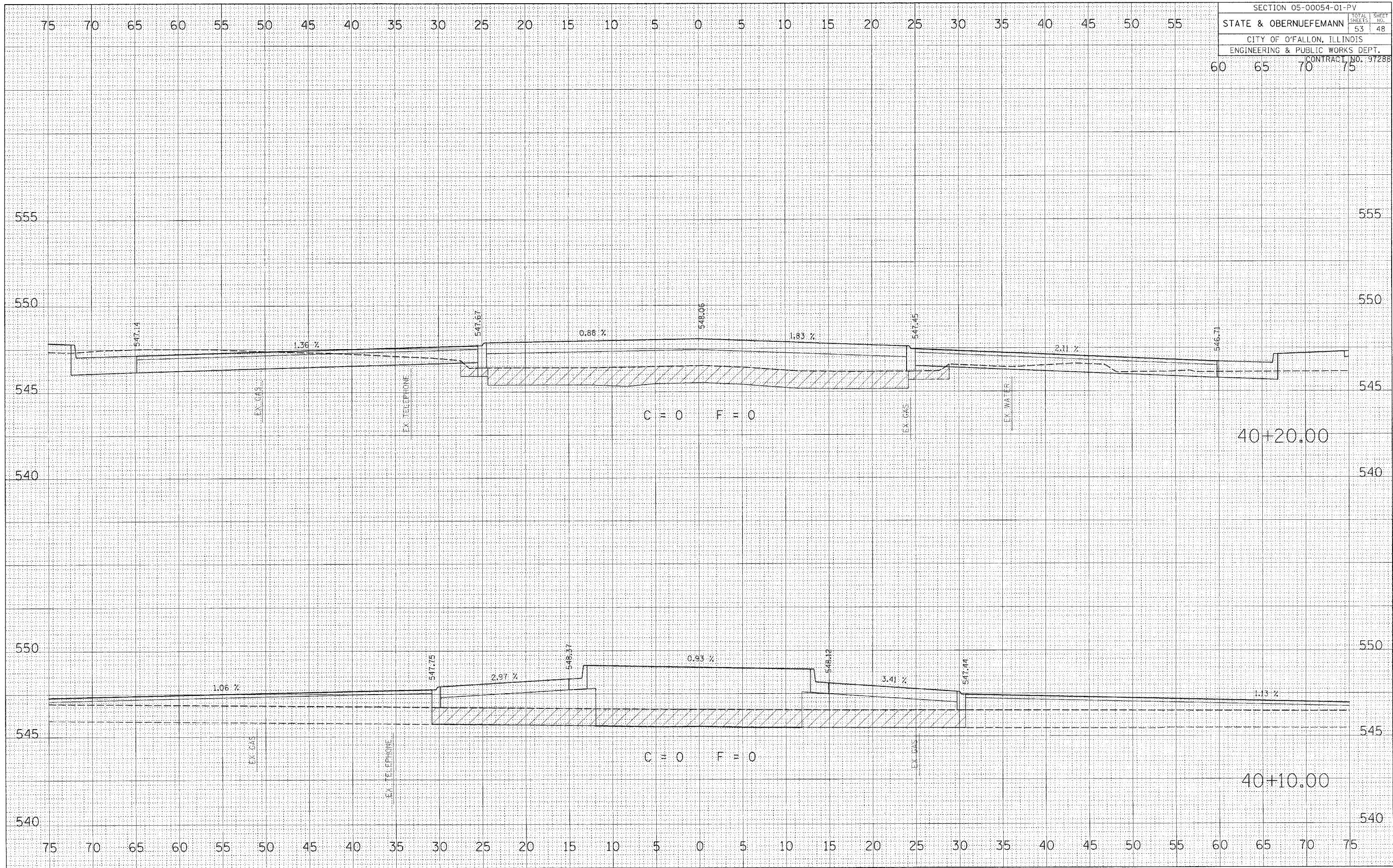


NORTH GREENMOUNT ROAD CROSS SECTIONS

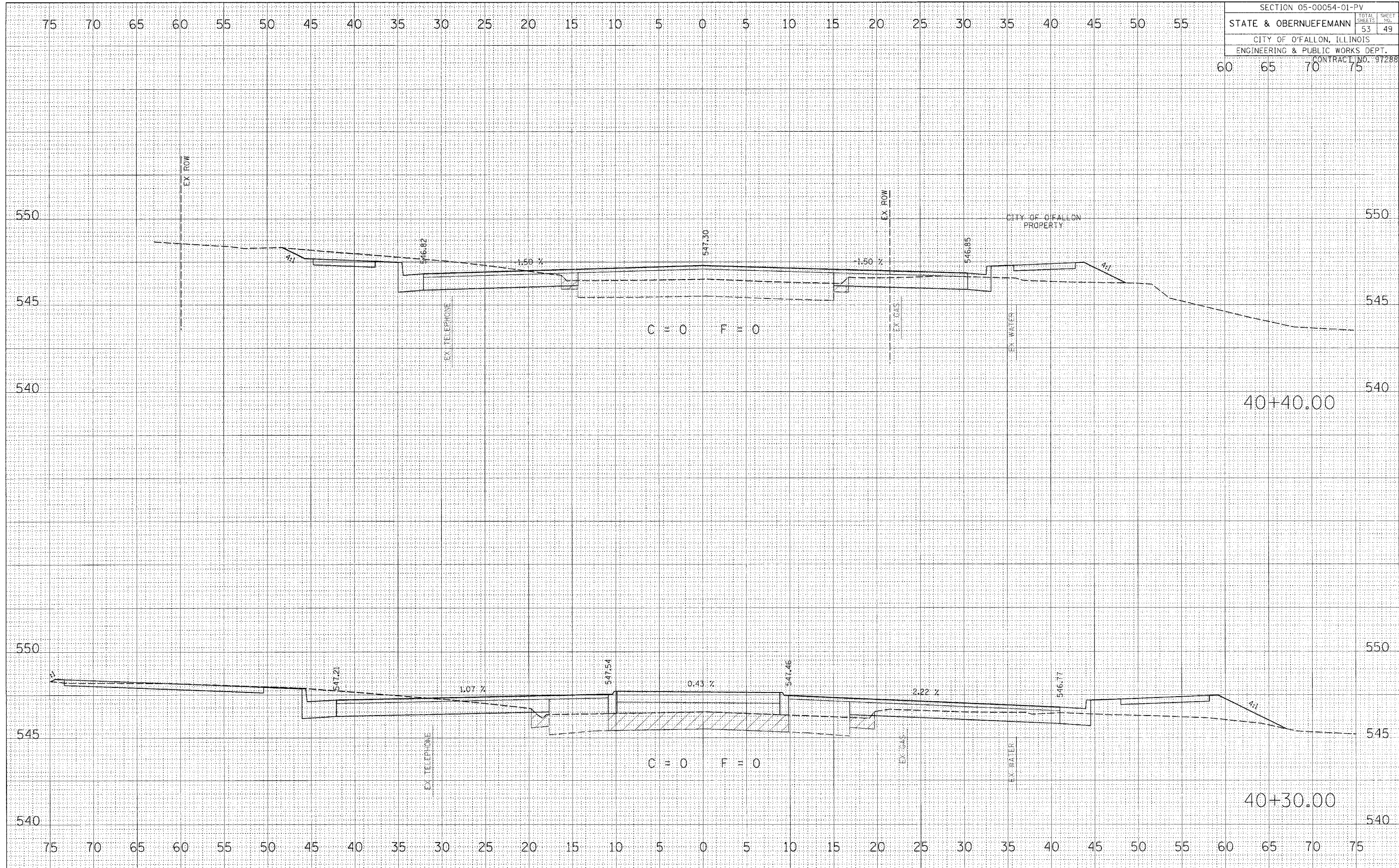
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ENGINEERING & PUBLIC WORKS DEPT.	
CONTRACT NO. 97288	



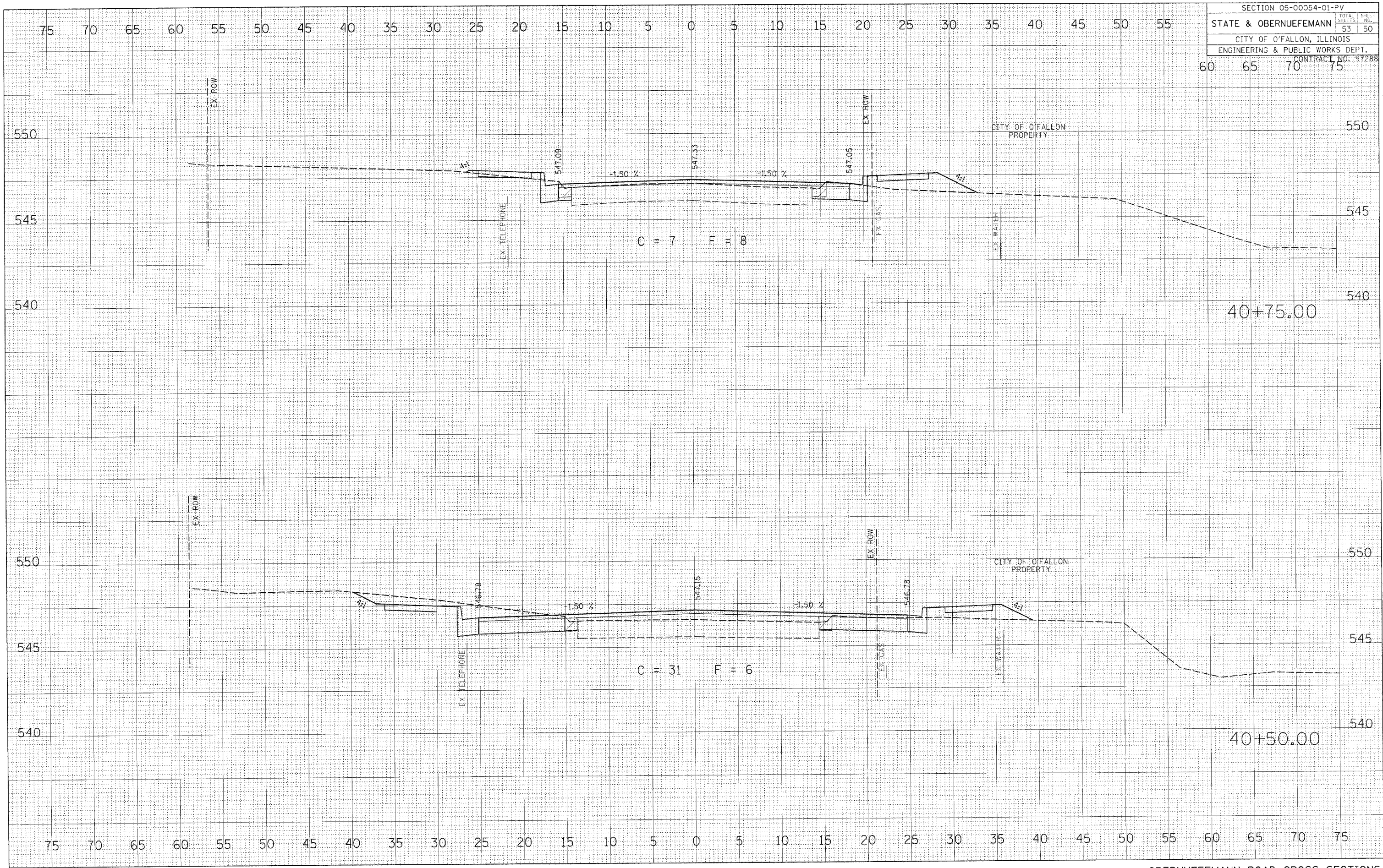
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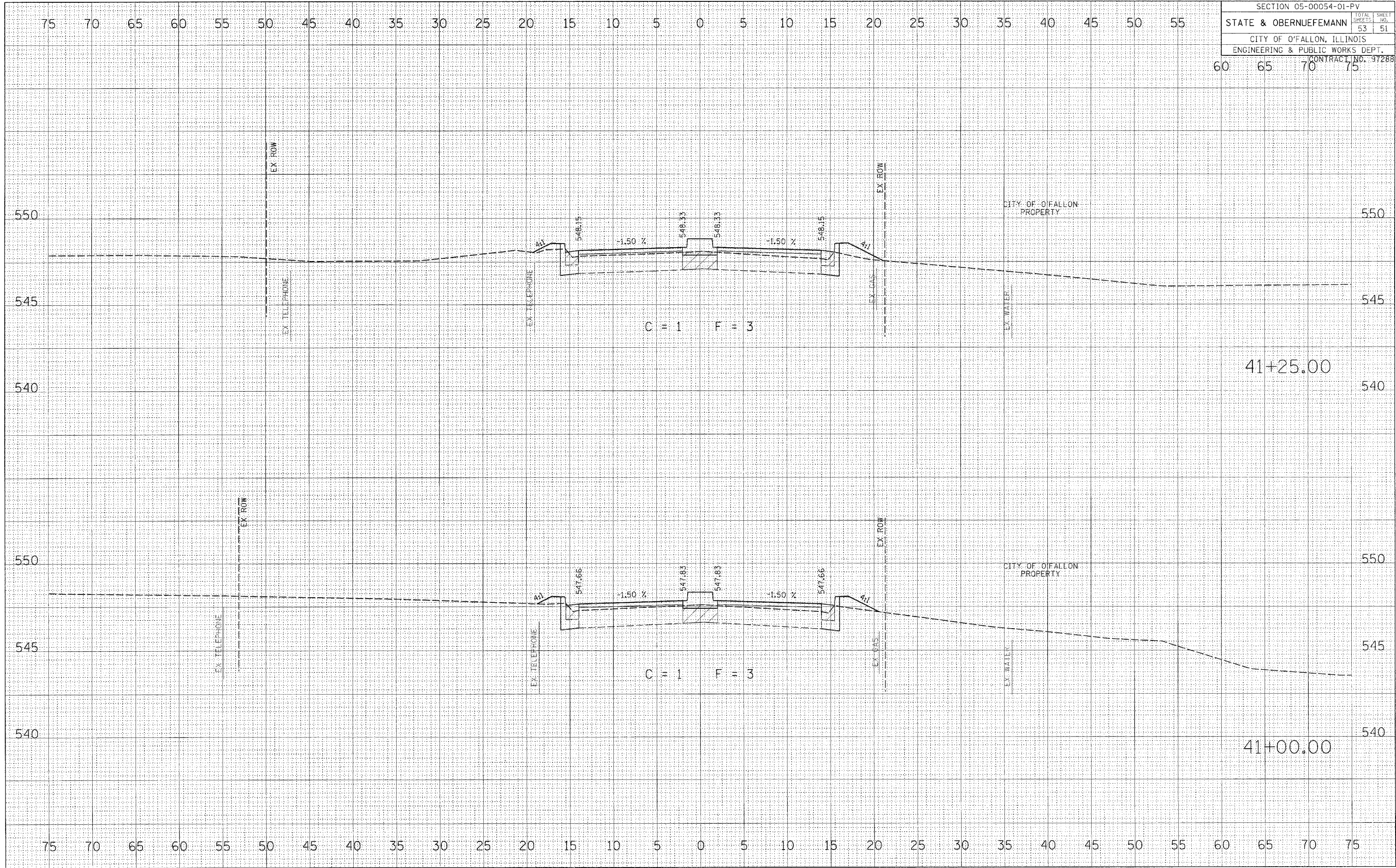
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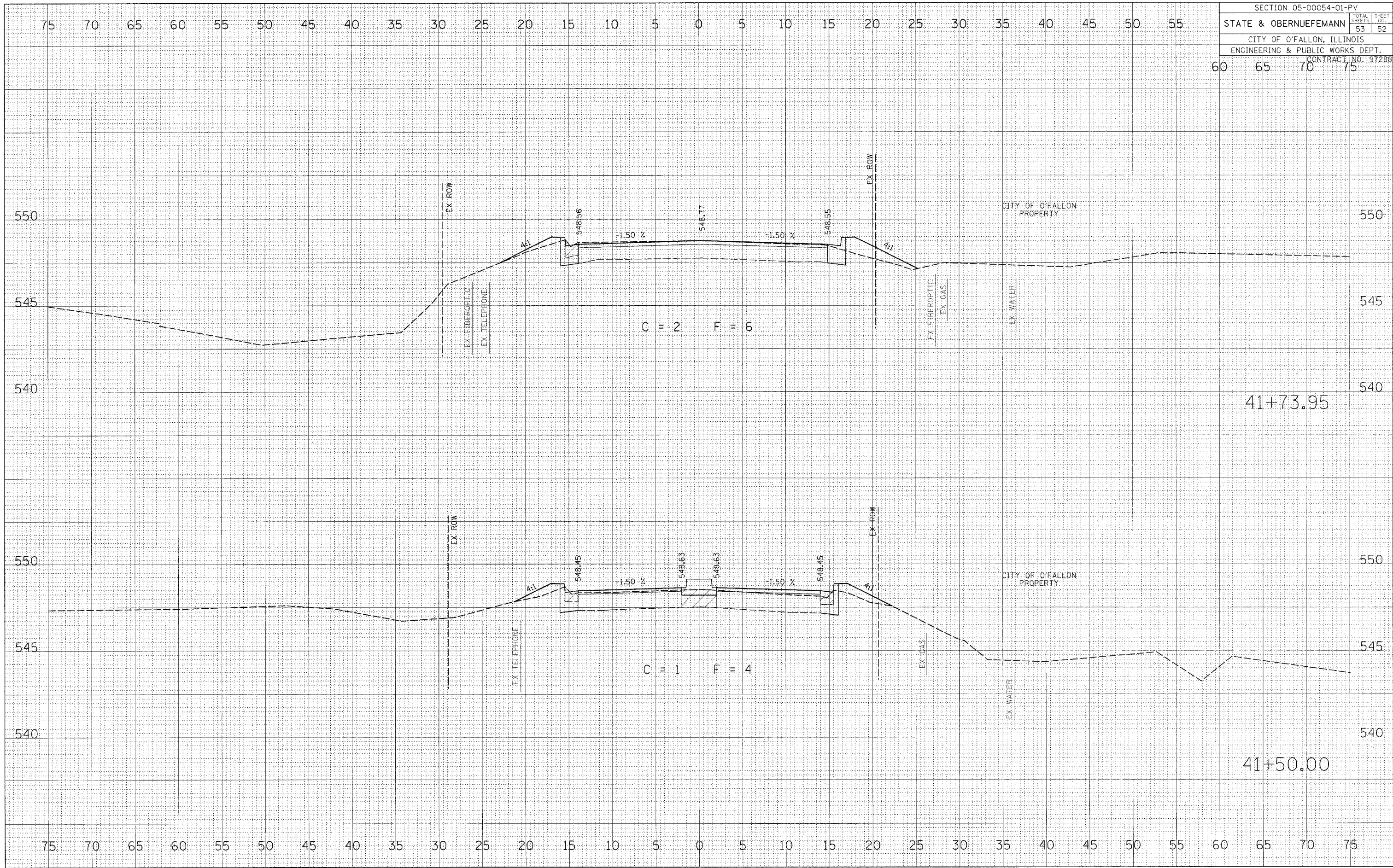


OBERNUEFEMANN ROAD CROSS SECTIONS



OBERNUEFEMANN ROAD CROSS SECTIONS





OBERNUEFEMANN ROAD CROSS SECTIONS

